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Undergraduate Council Meeting Minutes

Office of the Provost

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1-28-2020

### Undergraduate Council Minutes of Meeting January 28, 2020

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**The University of Tennessee, Knoxville  
Undergraduate Council  
Minutes of the Meeting  
January 28, 2020**

**Leadership and Elected Members present:** Chair Anthony Welch, Vice Chair Cheryl Kojima, Past Chair Robert Mindrup, Brian Ambroziak, Ken Baker, Mark Barker, John Bell, Richard Bennett, Jamie Coble, Sarah Colby, Erin Darby, Kim Denton (by proxy Robert Mindrup), Joanne Devlin, Daniel Magilow, Chris Magra, Lindsay Mahony, Harrison Meadows, Christine Nattrass, Charlie Parker, Phillip Stokes, Kathleen Thompson, Amanda Warren (by proxy Ken Baker), Erin Whiteside, and Emma Willcox

**Ex-Officio Members present:** Katherine Ambroziak, Chuck Collins, George Drinnon, Jeff Fairbrother, Virginia Kupritz, Chris Lavan, Robert Mindrup, Barbara Murphy, Noah Rost (represented by Anne Hulse), and Margie Russell (represented by Lisa Byrd)

**Student Members present:** Emma Boyle

**Others present:** Ryan Carter, Alison Connor, Betsy Gullett, R.J. Hinde, Katie Kavanagh, Brent Lamons, Doug Renalds, Jana Spitzer, Molly Sullivan, Karen Sullivan-Vance, and Stephanie Workman.

**Welcome and Call to order:** The meeting was called to order at 3:42 pm by Anthony Welch, Chair.

#### **COMMITTEE REPORTS**

##### **Academic Policy Committee**

The Academic Policy Committee presented five proposals. One proposal, the fourth one in the December 2019 minutes that shortened the add/drop period, generated a great deal of discussion about how this might negatively affect students who had not yet attended a course that meets only once per week and where the term had begun with a holiday such as the Martin Luther King, Jr. holiday in the spring term. Faculty were assured that special circumstances could warrant exceptions to the rule on a case-by-case basis. All proposals submitted by the Academic Policy Committee were approved.

##### **Advising Committee**

The Advising Committee presented an informational report that did not require approval by the UG Council.

##### **Appeals Committee**

The Appeals Committee presented a report regarding the results of the Dismissal Reinstatement policy approved in Spring 2018. The success of this program resulted in the UG Council voting to continue the program for another three semesters. The Appeals Committee will be gathering data that includes information that was not included in the current report.

##### **Curriculum Committee**

- Information items: The Department of Management will change to the Department of Management and Entrepreneurship effective fall 2020. The Office of Articulation and Transfer Operations announced updates to credits for certain CLEP and AP exams. Two departments, history and political science changed their requirements for CLEP exams, and the German program in the Department of Modern Foreign Languages changed its AP requirements. The Office of Financial Aid is removing text from the undergraduate catalog for a federal loan program that no longer exists. The University Libraries updated catalog text to reflect an increase in the number of print volumes held. These items did not require action by the UG Council.
- Herbert College of Agriculture: Most of the changes were low-impact. The Department of Animal Science added and dropped courses that could impact another department in the same college, and the Department of Agricultural Leadership, Education, and Communications proposed a new concentration under an existing major. All proposals were approved without opposition.
- The College of Architecture and Design: Most of the changes were low-impact or were mid-impact that only affected this one college. One notable proposal was to add undergraduate

courses under the School of Landscape Architecture. All proposals were approved without opposition.

- The College of Arts and Sciences: Most of the changes proposed by this college would only affect this college. One exception was in the Department of Chemistry, which added CHEM 359 last year and informed other colleges at that time that CHEM 369 would be dropped this year. Other units were advised that CHEM 359 would be an equivalent to CHEM 369, so those units had a full curricular change cycle to make those adjustments to their curricula. In addition, the college proposed to drop the concentration of Cinema Studies under the Interdisciplinary Programs major and create a Cinema Studies major in the School of Art. The Department of Modern Foreign Languages and Literatures proposed adding a five-year BA/MA program in Spanish, which is similar to their current five-year programs in French and German. All proposals were approved without opposition. It should be noted that some of the proposals will not go into effect unless/until approved by THEC.
- Haslam College of Business: The majority of the proposals were low-impact or only affected this college. The one proposal that affected another college was coordinated with that college to minimize the impact. The newly renamed Department of Management and Entrepreneurship proposed to reorganize their Management Major – Collateral Option to include three tracks that would allow students to specialize in coursework related to Leadership and Organizational Effectiveness, Entrepreneurship and Emerging Enterprises, or Workforce Analytics. All proposals were approved without opposition.
- College of Communication and Information: The only proposals that were not low-impact were courses that were added or dropped and only affected this college. All proposals were approved without opposition.
- College of Education, Health, and Human Sciences: These were mainly low- to mid-impact changes that only affect this college. The Department of Theory and Practice in Teacher Education proposed adding a new concentration under the Deaf Studies major that the university approved in January 2019 and that is still pending approval by THEC. If that major is approved, this new concentration will also be added and corresponding concentrations under the Special Education major will be dropped. All proposals were approved without opposition.
- Tickle College of Engineering: These proposals were mainly low-impact. There were course revisions that could cause an increase in the demand for courses in the Department of Mathematics in the College of Arts and Sciences. In addition, the Department of Nuclear Engineering is adding a minor in Nuclear Safety. All proposals were approved without opposition.
- College of Nursing: The proposals in this college should only impact this unit. Two notable proposals were to add a new subject code (NRSP – Nursing Practicum) and to add an official Nursing Honors concentration, which was previously an unofficial program and not noted on student transcripts. All proposals were approved without opposition.
- College of Social Work: The proposals in this college will only impact students in this unit. All proposals were approved without opposition.
- Other Units: Three units updated their grading restrictions to comply with the Tennessee Attorney General's opinion that the university's former ABC/NC grading is inconsistent with the terms of the Hope Scholarship. One unit made a minor change to a course description. All proposals were approved without opposition.
- College of Arts and Sciences, Effective Fall 2021: The Department of Chemistry presented proposals to change 100-level courses which are currently four-hour lecture/lab combinations into separate three-hour lecture with a one-hour lab. This proposal is being presented now to give all other academic units time to incorporate these course changes into their own curricula. In addition, the College of Arts and Sciences presented proposals to incorporate those changes into programs within the college, with those program changes also taking effect fall 2021. All proposals were approved without opposition.

### **General Education Committee**

The General Education Committee proposed approval of a total of 82 courses. Seventy-six of those were only for Vol Core (effective fall 2021), five were for both the current general education curriculum (effective fall 2020) and Vol Core (effective fall 2021), and one was only for the current curriculum

(effective fall 2020). In addition, the Global Citizenship – International subcommittee proposed a revision to learning outcome number one to better reflect the full range of cultural aspects that courses in this category can provide. Finally, the Committee listed some of the issues that remain to be resolved with the new curriculum. All proposals were approved without opposition.

**Adjournment:** Anthony Welch adjourned the meeting at 5:04 pm.

**Next regularly scheduled meeting:** Tuesday, February 25, 2020, at 3:40 pm in the Frieson Black Cultural Center Multipurpose Room.

**Approval of minutes:** These minutes were certified correct via email on February 3, 2020.

**Minutes submitted by:** Molly Sullivan

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**ACADEMIC POLICY COMMITTEE**

**The University of Tennessee, Knoxville  
Academic Policy Committee  
Minutes of the Meeting  
December 4, 2019**

**Call to order:** A regularly scheduled meeting of the Academic Policy Committee was held in the Eighth Floor Conference Room (832), Andy Holt Tower, on December 4, 2019. The meeting was called to order at 1:31 p.m. by Joanne Devlin, Chair.

**Members present:** Joanne Devlin (Chair), Jamie Coble, Sarah Colby, Charlie Parker (by proxy John Stier), Phillip Stokes, Ozlem Kilic, Margie Russell, Janet Schmitt, and Karen Sullivan-Vance

**Others present:** Kathy Abbott, Julie Beckman, Betty Bradley, Stella Bridgeman, Ryan Carter, Alison Connor, Dee Fortenberry (for Susan Forman), Betsy Gullett, Jennifer Hardy, R.J. Hinde, Travis Holsapple, Brent Lamons, Frances Nash, Missy Parker, Doug Renalds, Jada Russell, Jana Spitzer, John Stier, Molly Sullivan, Anthony Welch, and Stephanie Workman

**Proposals (See attached):**

- **Proposal to replace the ABC/NC grading system with ABC/N**

This change is required to comply with the Attorney General's opinion that UTK's current implementation of ABC/NC grading is inconsistent with the terms of the legislation enabling the HOPE scholarship. Implementation of ABC/N grading also requires a change to the general repeat policy (see item 2).

This item was approved with the caveat that it will be automatically repealed and revert to the former grading system if the Attorney General's interpretation of the grading system were to change, allowing grades of ABC/NC.

- **Proposal to revise the general repeat policy**

Creating the ABC/N grading scale (see above item) means that there are more N-type grades to include in the third bullet point of this policy.

This item was approved with the caveat that it will be automatically repealed and revert to the former version of the policy if item 1 is repealed.

- **Proposal to revise the grade replacement policy**

There are two substantive changes in this proposal. Also, some of the original language was rewritten for clarity.

First, the current lower-division grade replacement policy is extended to include upper-division courses. This allows transfer students, and students who enter with a substantial amount of lower-division hours earned through AP, CLEP, departmental placement, and IB exams, to take full advantage of the grade replacement policy. These students may earn poor grades in their first few terms at UTK as they adjust to the rigor of UTK course work, but these poor grades may be in upper-division courses. Extending the grade replacement policy to upper-division course work will help these students make a successful transition to UTK.

Second, the policy is changed so that "highest grade counts" rather than "most recent grade counts". "Highest grade counts" is the policy that was in place until Fall 2013. A "most recent grade counts" policy can create General Education graduation problems under some circumstances. Consider a student who earns (for example) a D in a General Education course, repeats it to try to raise their grade, and earns an F the second time. Under the current policy, this student loses the General Education credit for the course, even though they demonstrated the ability to earn a D in the course.

Finally, an additional bullet point (the second one) is added to emphasize the difference between the approaches used to compute a student's UTK GPA and HOPE GPA.

This proposal was edited and then approved. Approval included the provision that if items 1 and 2 above are enacted, representatives from the Provost's Office and Enrollment Management may add wording to address the ABC/N grading system without requiring additional approval.

- **Proposal to revise the adding and dropping classes policy**

Reducing the length of the add/drop period will reduce the number of occasions on which a student registers for a course after a substantial amount of material has already been presented in the course.

At present, students are limited to four individual class drops. 86% of graduating students drop two or fewer classes during their career at UTK. 93% of graduating students drop three or fewer classes during their career at UTK. For a student to drop more than three classes is thus a relatively infrequent occurrence. Increasing the drop limit to six classes would provide more flexibility for students who encounter mental or physical health challenges during a term and need to reduce their course load to maintain forward progress towards a degree. Our current limit of four class drops paradoxically incentivizes these students to apply for a total term withdrawal instead, which sets them back even further.

This proposal was edited and then approved.

**Adjournment:** The meeting was adjourned at 3:14 p.m.

**Approval of Minutes:** These minutes were certified correct via email on December 10, 2019.

**Minutes submitted by:** Molly Sullivan

## **REPLACE THE ABC/NC GRADING SYSTEM WITH ABC/N**

### **Current ABC/NC System:**

#### **ABC/No Credit Grading System**

ABC/NC grading is an alternative to the standard grading system (A-F). Freshmen composition and some 100-level mathematics and science courses use this grading method. Courses offered only on an ABC/NC basis are identified in the course descriptions.

- All grades are entered on the permanent record.
- A grade of A, A–, B+, B, B–, C+, or C is equivalent to the same grade used in the standard grading system.
- A grade of NC signifies a standard grade of C–, D+, D, D–, or F.
- A-C grades are included in the calculation of the grade point average, but NC grades are not included.

Transfer students are held to the same program requirements and policies as UT students. For ABC/NC graded coursework, only those courses in which at least a grade of C was earned will be eligible to meet program requirements.

### **Proposed ABC/N System:**

#### **ABC/N Grading System**

ABC/N grading is an alternative to the standard A-F grading system. Courses offered only on the ABC/N grading system are identified in the course description. For a course offered on the ABC/N grading system:

- A student who earns a grade of A, A–, B+, B, B–, C+, or C will have that grade entered on the permanent record. These grades will be included in the calculation of both the student's cumulative grade point average and an in-state student's HOPE grade point average.

- A student who earns a grade of C–, D+, D, D–, or F will have that grade entered on the permanent record with the letter N as a prefix (for example, NF). In this case, hours earned in the course will be removed from the student's earned-hour total, but will be included in the student's attempted-hour total. Grades with the N prefix will not be included in the calculation of the student's cumulative grade point average, but will be included in the calculation of an in-state student's HOPE grade point average.

Transfer students are held to the same program requirements and policies as UT students. For students who transfer to UTK coursework in a course with ABC/N grading, only courses for which a grade of C or higher was earned will be eligible to meet program requirements.

*Rationale: This change is required to comply with the Attorney General's opinion that UTK's current implementation of ABC/NC grading is inconsistent with the terms of the legislation enabling the HOPE scholarship. Implementation of ABC/N grading also requires a change to the general repeat policy (see next item).*

## REVISE THE GENERAL REPEAT POLICY

### General Repeat Policy

Students who are struggling with a class should talk with their advisor before deciding whether to withdraw from and/or plan to repeat a class.

- Courses may be repeated twice, for a total of three attempts per course.
- A grade of W does not count as one of the three attempts.
- Grades of C–, D+, D, D–, F, Incomplete, ~~and~~ NC, ~~and all N-prefix grades for ABC/N-graded courses~~ are counted as one of the three attempts.
- No course may be repeated if a grade of C or better has already been earned.

*Rationale: Creating the ABC/N grading scale means that there are more N-type grades to include in the third bullet point.*

## REVISE THE GRADE REPLACEMENT POLICY

### Grade Replacement Policy for Three ~~Undergraduate (100-400 Level) Lower-Division (100-200)~~ Courses

- Students may replace up to three grades earned in undergraduate (100-400 level) courses by repeating the course. ~~The first three lower-division (100-200 level) course grades may be replaced when a course is repeated.~~ All other grades will be included in computing a student's cumulative grade point average.
- For in-state students, only one grade replacement can be used to raise the student's HOPE GPA.
- Grades in no more than thirteen hours of course work may be replaced under this policy.
- Grades of C or higher (or a grade of S for S/NC-graded courses) may not be replaced under this policy.
- If the same course is repeated more than once, the additional repeat(s) will count toward the ~~total of three allowed grade replacements~~ ~~grade replacement total~~.
- Repeating a course in which an NC or a W grade has been earned does not count as one of the three grade replacements.
- In computing the cumulative grade point average, the highest grade earned in the course will be used. ~~The grade earned during the final attempt will be used in computing the cumulative GPA.~~
- All grades for all courses ~~completed~~ remain on ~~a student's academic history~~ ~~the transcript~~.
- Transfer course grades cannot be replaced (see [Transfer Admission Policy](#)).

*Rationale: There are two substantive changes in this proposal. Also, some of the original language was rewritten for clarity.*

*First, the current lower-division grade replacement policy is extended to include upper-division courses. This allows transfer students, and students who enter with a substantial amount of lower-division hours earned through AP, CLEP, departmental placement, and IB exams, to take full advantage of the grade replacement policy. These students may earn poor grades in their first few terms at UTK as they adjust to the rigor of UTK course work, but these poor grades may be in upper-division courses. Extending the grade replacement policy to upper-division course work will help these students make a successful transition to UTK.*

*Second, the policy is changed so that “highest grade counts” rather than “most recent grade counts”. “Highest grade counts” is the policy that was in place until Fall 2013. A “most recent grade counts” policy can create General Education graduation problems under some circumstances. Consider a student who earns (for example) a D in a General Education course, repeats it to try to raise their grade, and earns an F the second time. Under the current policy, this student loses the General Education credit for the course, even though they demonstrated the ability to earn a D in the course.*

*Finally, an additional bullet point (the second one) is added to emphasize the difference between the approaches used to compute a student's UTK GPA and HOPE GPA.*

## **REVISE THE ADDING AND DROPPING CLASSES POLICY**

### **Adding classes**

For full term fall and spring classes, undergraduate students may add classes through the **seventh** ~~tenth~~ calendar day counted from the beginning of the term.

For single session fall and spring classes, undergraduate students may add classes through the **sixth** ~~eighth~~ calendar day counted from the beginning of the session.

Because of the nature of some classes, permission of the department head may be required to add a course after the first day of the term or session. Students may also, as departmental policies permit, change class sections through the add deadline.

### **Dropping classes: Full term fall and spring classes**

For full term fall and spring classes, undergraduate students may drop classes, with no notation on the academic record, through the **seventh** ~~tenth~~ calendar day of the term. From the **eighth** ~~11th~~ calendar day of the term until the 84th calendar day of the term, students may drop full term fall and spring classes and receive the notation of W (Withdrawn) on the academic record. After the 84th calendar day of the term, students may not drop full term fall and spring classes. From the 85th day of the term to the last day of classes, a student may completely withdraw from a fall or spring term, subject to regulations listed in the catalog section Total Withdrawal from the University.

### **Dropping classes: Single session fall and spring classes**

For single session fall and spring classes, undergraduate students may drop classes, with no notation on the academic record, through the **sixth** ~~eighth~~ calendar day of the session. From the **seventh** ~~ninth~~ calendar day of the session until the 38th calendar day of the session, students may drop single session fall and spring classes and receive the notation of W (Withdrawn) on the academic record. After the 38th calendar day of the session, students may not drop single session fall and spring classes.

*Rationale: Reducing the length of the add/drop period will reduce the number of occasions on which a student registers for a course after a substantial amount of material has already been presented in the course.*

### **Dropping classes: Additional regulations**

The following are additional regulations related to dropping individual full term fall and spring classes after the ~~seventh tenth~~ calendar day of the term, or dropping individual single session fall and spring classes after the ~~sixth eighth~~ calendar day of the session:

- Students are allowed ~~six four~~ individual class drops during their academic career (until a first bachelor's degree is earned).
- Former students holding a bachelor's degree from UTK or any other regionally accredited institution of higher learning who return to pursue a second bachelor's degree are allowed ~~six four~~ additional individual class drops.
- Students pursuing more than one major or degree simultaneously are not allowed additional drops beyond the ~~six four~~ individual class drops.
- Total withdrawal from a term (dropping all courses) does not impact a student's ~~six four~~ allowed individual class drops.
- The W grade is not computed in the grade point average.
- Classes may be dropped using MyUTK (<https://myutk.utk.edu/>).

Failure to attend a class is not an official withdrawal and will result in the assignment of an F grade.

*Rationale: At present, students are limited to four individual class drops.*

*86% of graduating students drop two or fewer classes during their career at UTK. 93% of graduating students drop three or fewer classes during their career at UTK. For a student to drop more than three classes is thus a relatively infrequent occurrence. Increasing the drop limit to six classes would provide more flexibility for students who encounter mental or physical health challenges during a term and need to reduce their course load to maintain forward progress towards a degree. Our current limit of four class drops paradoxically incentivizes these students to apply for a total term withdrawal instead, which sets them back even further.*

### **The University of Tennessee, Knoxville Academic Policy Committee Minutes of the Meeting January 15, 2020**

**Call to order:** A regularly scheduled meeting of the Academic Policy Committee was held in the Eighth Floor Conference Room (832), Andy Holt Tower, on January 15, 2020. The meeting was called to order at 1:32 p.m. by Joanne Devlin, Chair.

**Members present:** Joanne Devlin (Chair), Jamie Coble, Sarah Colby, Charlie Parker, Phillip Stokes, Margie Russell, Janet Schmitt, and Karen Sullivan-Vance

**Others present:** Kathy Abbott, Ryan Carter, Alison Connor, Jennifer Gramling, Jennifer Hardy, Molly Sullivan, and Anthony Welch

**Proposal:** A proposal to add catalog text regarding undergraduate Distance Education degree programs (see attached) was presented and discussed. This proposal was edited and then approved.

**Adjournment:** The meeting was adjourned at 2:14 p.m.

**Approval of Minutes:** These minutes were certified correct via email on January 21, 2020.

**Minutes submitted by:** Molly Sullivan

## PROPOSAL

### DISTANCE EDUCATION (DE) PROGRAMS

The University of Tennessee, Knoxville, offers innovative teaching and learning environments with our Distance Education (DE) degree programs. Our DE degree programs increase flexibility and enhance access for motivated and qualified students. The list of approved undergraduate DE degree programs can be found at <https://volsonline.utk.edu/online-programs/undergraduate-programs/>. Students enrolled in an approved undergraduate DE degree program pay fewer fees than students enrolled in an on-campus degree program. Because of this reduction in fees, students enrolled in DE degree programs do not qualify for the following services: University Housing, Student Health Center access, student health insurance, Student Counseling Center access, RecSports access (e.g., TRECS), student tickets to athletic events, and commuter parking. DE students do not have an option to pay the Student Programs and Services Fee.

Student enrolled in on-campus undergraduate degree programs who enroll in one or more online courses do not pay reduced fees and do qualify for all of the services listed in the preceding paragraph.

More information about DE degree programs can be found at <https://volsonline.utk.edu>.

*Rationale: to highlight our fully online programs, to call attention to the lower fees, to clearly explain the services covered by this fee structure, and to match language already in the Graduate Catalog.*

### ADVISING COMMITTEE

**The University of Tennessee, Knoxville  
Advising Committee  
Minutes of the Meeting  
November 19, 2019**

In attendance: Talisha Adams, Robin Anderson, Jackie Behrens, Emma Boyle, Betty Bradley, Laura Brown, Alison Buchan, Kristina Cantin, Alison Connor, Darren Curry, Wendy Davis, Joanne Devlin, George Drinnon, Amanda Gandy, Denise Gardner, Lindsay Hansen, Nicole Jones, Brent Lamons, Barbara Murphy, Frances Nash, Missy Parker, Margie Russell, Kelsi Schaer, Phyliss Shey, Hannah Swan, Mike Taylor, Jenny Ward, Meagan West, Ronni Williams, Stephanie Workman

- Welcome and call to order – The meeting was called to order at 3:30 p.m. by Margie Russell, Chair.
- Old Business – none
- New Business
  - Presentation on Advising Assessment spring 2019 – Dr. Jennifer Morrow and Brenna Butler presented on the past three years of data from the Perceptions of Advising survey conducted each spring for undergraduate students. (handouts attached)
  - New process for approving minutes – Phyliss Shey announced the new procedure for approving minutes. (detailed instructions attached)
  - Advising Committee SharePoint site – Phyliss Shey announced that a new SharePoint site has been created to house minutes. Log onto Office365 and navigate to SharePoint app.



Search for UGC Advising Committee. Once at the site, click the star on the right side of the page to follow it.

- Standing Reports
  - Associate Vice Provost for Student Success – Margie Russell announced Dr. Amber Williams has been named Vice Provost for Student Success. Dr. Williams will begin in early January. We look forward to inviting her to attend the next meeting and working with her. Full details at <https://news.utk.edu/2019/11/15/amber-williams-named-vice-provost-for-student-success/>.
  - Undergraduate Council – Anthony Welch noted that the large volume of courses proposed for Vol Core has caused a bottle neck in the approval process. The Undergraduate Council and the Faculty Senate Executive Council have begun using electronic voting to speed up the process. The Faculty Senate has passed a resolution on bullying that passed the full senate on November 18, 2019. The resolution calls for the university to enact enforceable policies and provide training that address bullying. Welch noted there is no faculty representation on the Programming Student Advisory Board, which was established in August 2019 to provide feedback to the Vice Chancellor for Student Life regarding programming funded by the Student Programs and Services Fee.
  - Academic Policy Committee – Joanne Devlin – no report
  - GENED Committee – Barbara Murphy noted that over 100 courses are somewhere in process of approval for the new Vol Core. Each month the volume increases. Approved courses will be posted on the website. Details about Vol Core at <https://ugcouncil.utk.edu/volunteer-core/>.
  - Division of Academic Success and Transitions representatives
    - First-Year Studies – Meagan West announced that peer mentor application for FYS 101 is now open. Instructor application for FYS 101 goes live December 2, 2019. Proposals for FYS 129 are open now. New topics are being sought. FYS 100 will be a first session course in future. Phi Eta Sigma is the national honor society for students who join as freshmen with a 3.5 GPA and fewer than 20 transfer hours. Tau Sigma is the national honor society for transfer students who earn at least a 3.5 GPA their first semester at UTK. Information can be found at <https://volink.utk.edu/>. Invitations for both of the honor societies go out in early spring.
    - Student Success Center – Talisha Adams noted the SSC is wrapping up the semester and will offer a variety of academic supports including de-stress for success on study day. (handout attached) Tutoring is no longer offered in Greve. Locations include Fred Brown, South Carrick, and Hodges Library. Currently recruiting tutors – application at <https://studentsuccess.utk.edu/tutor-application-form/>.
    - Student Support Services – Talisha Adams is the interim director of SSS. Currently recruiting tutors – information at <https://studentsupport.utk.edu/become-a-tutor/>. Adams thanked members of the advising and larger university community for their support of first-generation college students. The events of First-Gen Week (November 4-8) were a resounding success.
    - Office of National Scholarships and Fellowships – Phyliss Shey announced that we have a finalist for the Rhodes Scholar.
  - Academic Advising Leadership Group – Margie Russell noted that Advising 2025 planning has begun.
  - TennACADA – Robin Anderson announced upcoming events – career advancement workshop on November 21<sup>st</sup> and end-of-semester social at UPerk from 8-9 a.m. on December 13<sup>th</sup>.
  - Enrollment Management Administration representatives
    - Admissions – no report
    - One Stop – Darren Curry announced that the campaign for unregistered students is under way. Outreach to freshmen will begin in a couple of weeks. Lists of unregistered students will go out to the colleges soon. Curry also announced a new Center for Financial Wellness had its soft launch during fall. Certified financial counselors offer help with money management, budgeting, savings, etc. Students can schedule an appointment or walk-in and request help at One Stop. Website

- <https://financialwellness.utk.edu/>. One Stop is developing a chat bot that will go live in early spring for the initial phase – frequently asked questions. Future phase 2 will allow student to authenticate and then ask questions specific to their situation.
- Registrar – Alison Connor noted that grades will post on December 17<sup>th</sup>. Students taking courses at institutions other than Pellissippi State CC should request their transcript be sent as soon as possible.
  - Financial Aid – Darren Curry noted that February 1<sup>st</sup> is the deadline for the UT Promise and UT/departamental continuing student scholarships, as well as the priority deadline for FAFSA.
  - Transfer Center – Wendy Davis announced that transfer evaluators and transfer recruiters formerly in Registrar and Admissions respectively are now housed in the Transfer Center. Beginning with summer 2020 admissions, UT will use the transfer institutions' GPA as the transfer GPA, rather than hand-calculating as is currently the practice. This will be in effect for most institutions – major exceptions being international. Courses will still be manually evaluated for transferability. Students with an earned Associates degree with a 3.0 GPA will be guaranteed admission for non-competitive programs.
  - Student Life representatives
    - Center for Career Development – Jenny Ward announced upcoming events such as Job Shadowing Day on January 7<sup>th</sup> (apply through Handshake) and Sophomore Boot Camp held the day before classes begin. (handouts)
    - Orientation and Transition – Lindsay Hansen announced that beginning in January, James Kelly and Family Programming will remain in Student Life while Orientation shifts to the student success area. Details and lines of responsibility still being worked out.
    - Multicultural Student Life – no report
  - Student Government Association – Emma Boyle announced several bill proposals that were passed and are in implementation stages.
    - Excused absences for mental health days - allows students to use mental health as a reason to miss class – taking a day can be very important for student success; many professors only allow absences for extreme illness or death of a family member.
    - Mid semester course evals - these open after 30% of the class is completed, and are completely optional, but give students the option to provide anonymous feedback, with possible changes being made to the class during the current semester, without fear of feedback negatively affecting their grade.
    - Surveys for dropped classes - sends email to students after they drop a class, starting on the first day of classes, with a short survey to measure reasons for why students drop, this is important with regards to keeping students on track and maintain financial aid.
    - Timeline for class syllabi - requires professors to provide syllabi on canvas before the first day of classes, beneficial for students have the ability to prepare for the class and find textbooks.
    - Military service abroad to count as the connection package for Arts & Sciences, veterans who serve abroad receive intensive cultural training before deploying. \*This bill was specifically proposed by veterans in Art & Sciences\*
    - Mandating XI resources in syllabi – helps with accessibility to information and includes that professors are mandatory reporters
    - Peer counseling on campus – once juniors or seniors complete PSYC 480 they can become peer counselors, this helps to alleviate pressure on the student counseling center. \*This is a sister program to a similar program that has been implemented for graduate students\*
  - Thornton Athletics Student Life Center – Kelsi Schaer distributed the Thornton Center “tip sheet” which lists contact information and calendar information by sport to assist advisors when working with student athletes. (handout)
  - Office of Information Technology – no report



- Honors and Scholars Programs – Kristina Cantin announced that honors advising and some UNHO classes will be offered at Dogwood where the Honors & Scholars LLC students live.
- Office of Institutional Research and Assessment – no report

The meeting was adjourned at 4:55 p.m. by Margie Russell

These minutes are correct on December 2, 2019

## APPEALS COMMITTEE

### The University of Tennessee, Knoxville Appeals Committee Annual Report January 2020

#### Dismissal Reinstatement Update

When UGC approved the Dismissal Reinstatement (DR) policy in Spring 2018, it was with the understanding that UGC would be updated on the performance of students who participated in DR.

Under the DR policy, students dismissed from the University would be invited to continue enrollment rather than sitting out for dismissal, provided they had not been previously dismissed and faced less than 15 GPA deficiency points.

We have three semesters of performance data since the policy was introduced. The policy took effect in Fall 2018, where 46 of 135 eligible students (dismissed in Spring or Summer 2018) participated. In Spring 2019, 36 of 93 eligible students (dismissed Fall 2018) participated. And in Fall 2019, 60 of 156 eligible students (dismissed in Spring or Summer 2019) participated. In all, 37% of invited students have participated in DR.

DR students continue enrollment without interruption, under the philosophy that students within range of returning to Good Standing (fewer than 15 GPA deficiency points) might benefit more by continuation and connection than by discontinuation and disconnection. The following tables compare the academic performance of DR students (continued enrollment without interruption) vs. students from the same term who are returning after having sat out their dismissal (a breach or discontinuation of their enrollment). Success is measured by academic standing at the end of the term:

- Good Standing (cumulative GPA of 2.00 or higher)
- Probation (term GPA 2.00 or higher, but cumulative GPA still less than 2.00)
- Dismissal (both cumulative and term GPA below 2.00)

FALL 2018	Dismissal Reinstatement		Sat Out Dismissal	
EOT STANDING	FA 18 N	FA 18 %	FA 18 N	FA 18 %
Good Standing	22	47.8%	19	29.2%
Probation	15	32.6%	25	38.5%
Dismissal	9	19.6%	21	32.3%
Total	46	100.0%	65	100.0%

SPRING 2019	Dismissal Reinstatement		Sat Out Dismissal	
EOT STANDING	SP 19 N	SP 19 %	SP 19 N	SP 19 %
Good Standing	10	27.8%	14	22.6%
Probation	11	30.6%	29	46.8%
Dismissal	15	41.7%	19	30.6%
Total	36	100.0%	62	100.0%

FALL 2019	Dismissal Reinstatement		Sat Out Dismissal	
EOT STANDING	FA 19 N	FA 19 %	FA 19 N	FA 19 %
Good Standing	18	30.0%	11	23.9%
Probation	23	38.3%	19	41.3%
Dismissal	19	31.7%	16	34.8%
Total	60	100.0%	46	100.0%

TOTAL	Dismissal Reinstatement		Sat Out Dismissal	
EOT STANDING	Total N	Total 19 %	Total N	Total 19 %
Good Standing	50	35.2%	44	25.4%
Probation	49	34.5%	73	42.2%
Dismissal	43	30.3%	56	32.4%
Total	142	100.0%	173	100.0%

To this point, the total data from all three terms seems to support the case that students who remain enrolled without interruption through DR are at least as successful as students who sit out. DR rates of returning to Good Standing are higher than those who sit out (35.2% vs. 25.4%). DR rates of Dismissal are slightly lower than those who sit out (30.3% vs. 32.4%).

### CURRICULUM COMMITTEE

#### The University of Tennessee, Knoxville Curriculum Committee Minutes of the Meeting January 14, 2020

**Call to order:** A regular meeting of the Undergraduate Curriculum Committee was held on January 14, 2020, in the Mary Greer Room (room 258) of Hodges Library. The meeting was called to order at 12:03 pm by Chris Magra, Chair.

**Voting members present:** Chris Magra, Chair, Brian Ambroziak (by proxy Katherine Ambroziak), Katherine Ambroziak, Mark Barker, Kim Denton (by proxy Robert Mindrup), George Drinnon (by proxy Betsy Gullett), Katie Kavanagh, Virginia Kupritz, Lindsay Mahony (by proxy Betsy Gullett), Christine Natrass, John Stier (by proxy Cheryl Kojima), Kathleen Thompson, Erin Whiteside, Emma Willcox, and Angela Wozencroft

**Others present:** Mary Beth Burlison, Ryan Carter, Chuck Collins, Alison Connor, Travis Holsapple, Ozlem Kilic, Chris Lavan, Jana Spitzer, Molly Sullivan, and Anthony Welch

Several informational items were shared:

- The Department of Management has received permission from the Provost and the Chancellor to change the name to the Department of Management and Entrepreneurship effective fall 2020.
- The Office of Articulation and Transfer Operations announced updates to credits for certain CLEP and AP exams.
- The Office of Financial Aid is removing text from the undergraduate catalog for a federal loan program that no longer exists.
- The University Libraries updated catalog text to reflect an increase in the number of print volumes held.

Action items included course and/or program changes from the following:

- Proposals for the 2020-2021 catalog
  - Herbert College of Agriculture
  - College of Architecture and Design
  - College of Arts and Sciences
  - Haslam College of Business
  - College of Communication and Information
  - College of Education, Health, and Human Sciences
  - Tickle College of Engineering
  - College of Nursing
  - College of Social Work
  - Center for Global Engagement
  - Office of First Year Studies
  - Honors and Scholars Programs
- Proposals for the 2021-2022 catalog
  - College of Arts and Sciences

After discussion, all items in this document were approved as reflected on the following pages. Items that were withdrawn are not included in this document.

**Adjournment:** The meeting was adjourned at 3:10 pm.

**Approval of minutes:** These minutes were certified correct via email on January 21, 2020.

**Minutes submitted by:** Molly Sullivan

## INFORMATIONAL ITEMS

**HASLAM COLLEGE OF BUSINESS**  
**DEPARTMENT NAME CHANGE**



October 9, 2019

To: Provost David Manderscheid  
 Chancellor Donde Plowman

From: Dean Stephen Mangum, Haslam College of Business *SM*

RE: Departmental Name Change Request

The faculty in the Department of Management recently (9/27/19) voted (16 for the change, 1 against/for another name) to change the name to the department to the **Department of Management & Entrepreneurship**. The department head, Dr. Anne Smith, and the Haslam College of Business' deans team, support and endorse the proposed name change.

Entrepreneurship as a discipline has grown in prominence over the past 40 years. One indication of this progression is the growth in prestige of entrepreneurship journals such as the *Journal of Business Venturing*, which now is listed in the *Financial Times* top 50 journals used in several business school research rankings.

*JBV* Editor Jeff McMullen (2019) recently explained the growth of entrepreneurship in business schools as follows:

In the late 1990s and early 2000s, undergraduate and graduate majors began at most universities, and faculty began to receive formal training in researching entrepreneurship. Now, there are well over 4000 universities offering entrepreneurship-related courses (Kuratko, 2020). .... In the 2010s, doctoral students at many universities stopped concentrating on entrepreneurship as a focus within strategic management or organizational behavior and began receiving doctorates in entrepreneurship as a field unto itself. As a result, the Entrepreneurship Division of the Academy of Management grew four-times faster than the broader Academy from 2012 to 2016, more than 80 universities around the world now offer doctoral training in entrepreneurship (Katz, 2018), and the overlap between entrepreneurship and adjacent fields, such as strategy or organizational behavior, has diminished significantly as entrepreneurship has developed its own scholarly conversations and journals.

With this growth, a number of business schools have created separate departments of Entrepreneurship (e.g., Syracuse; Louisiana State; Oklahoma; Baylor) or made changes including entrepreneurship with management in the department name (e.g., Indiana; Iowa; Arizona State; Colorado; DePaul; VCU). In other words, we are not unique and are in good company in considering this type of name change.

Further supporting this change and reflective of several of the trends mentioned above in the McMullen quote:

- (1) The department's strong commitment to entrepreneurship research is evident in its recent hiring and research output. The department's two Fall 2018 hires (Melissa Cardon and Tim

Office of the Dean

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 manderscheid@utk.edu    864.291.5114 ext. 1100    mangum@utk.edu

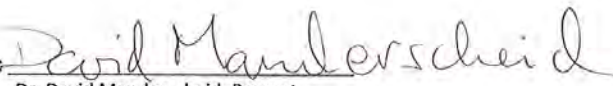
**BIG ORANGE. BIG IDEAS.®**

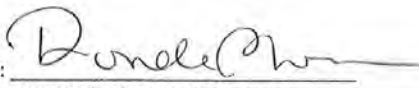
Flagship Campus of the University of Tennessee System [utk.edu](http://utk.edu)

Pollock) have brought strong internationally recognized entrepreneurship reputations to the department. Associate Professor David Williams (field editor along with Melissa Cardon at *Journal of Business Venturing*) and Assistant Professor David Gras provide further intellectual grounding and publications in entrepreneurship. Outside of these four prominent entrepreneurship scholars, many other tenure/tenure-track faculty members in the department are actively engaged in the East Tennessee entrepreneurship eco-system and/or have published entrepreneurship-related research.

- (2) A movement to greater entrepreneurship focus has occurred in the department's PhD program. A few years ago, the doctoral program was renamed -- from Strategy and Organizations to its current Strategy, Entrepreneurship and Organizations (SEO) doctoral program. This codified that most of their students were pursuing entrepreneurship studies, which, in turn, has improved their positioning in the market for assistant professor positions.
- (3) External recognition of the department's entrepreneurship scholarship is not only seen in faculty's leadership roles in journals and active involvement in professional societies, but also in the selection of Haslam College to host the Babson College Entrepreneurship Research Conference (BCERC) in June 2020. BCERC is the largest entrepreneurship conference -- over 350 academics from around the world will be in Knoxville for this conference.
- (4) Entrepreneurship is increasingly becoming a focus of the department's undergraduate program. For example, the third largest collateral in the college now is entrepreneurship. Entrepreneurship and Early-Stage Ventures will soon likely become a designated track within the Management major. The department also manages the university level Entrepreneurship and Social Entrepreneurship minors.

The proposed name change is an important component in the developing strategic direction of this department. We appreciate your consideration of this proposed action and request your approval.

Approved:   
Dr. David Manderscheid, Provost

Approved:   
Dr. Donde Plowman, Chancellor

References:

McMullen (2019, page 413): <https://doi.org/10.1016/j.jbusvent.2019.02.004>.

Kuratko, D.F., 2020. *Entrepreneurship: Theory, Process, Practice*, 11th ed. Cengage/Southwestern Publishers, Mason, OH.

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The Department of Management has received permission to change its name to the Department of Management and Entrepreneurship effective Fall 2020.

**OFFICE OF ARTICULATION AND TRANSFER OPERATIONS**

All changes effective immediately

## Informational Only

## Informative

**INFORMATIONAL ITEM****ADD CLEP Exam**

(Information Only – will be listed on our website, but not in the catalog)

American Government	55	Political Science 101
---------------------	----	-----------------------

*Rationale: The Department of Political Science will award satisfactory credit for Political Science 101 for the American Government CLEP Exam. Impact on other units: None. Financial Impact: None*

## Informative

**INFORMATIONAL ITEM****ADD CLEP Exams**

(Information Only – will be listed on our website, but not in the catalog)

History of the United States I: Early Colonization to 1877		No credit
History of the United States II: 1865 to Present		No credit

*Rationale: Per the Department of History, the CLEP exams for History of the United States I: Early Colonization to 1877 and History of the United States II: 1865 to Present should be listed as no credit. Impact on other units: None. Financial Impact: None.*

## Informative

**INFORMATIONAL ITEM****REVISE Advanced Placement (AP) Exam**

(Information Only – will be listed on our website, but not in the catalog)

**Advanced Placement (AP) Exam Credit**

German Language & Culture	3	German 211-212 <a href="#">(take departmental placement exam for course placement)</a>
German Language & Culture	4 or 5	<del>German 211-212 or</del> German 311-312 <a href="#">(take departmental placement exam for course placement)</a>

*Rationale: The German program of the Department of Modern Foreign Languages & Literatures revised its policies on AP credits (to streamline advising and remove confusion) and will no longer award satisfactory credit for German 211-212 for the German Language & Culture AP Exam for a score of 4 or 5. Additionally, the German program would like to add the statement of "take departmental placement exam for course placement" with direct link to the placement exam website. Just to clarify and provide a little more background: we are not making any changes in the number of credit hours awarded for AP scores. We are simply removing the "OR" to make a 1-1 policy for credits awarded for a given score. This is in response to confusion from the new professional academic advisors about which credits students should receive, so we hope it will make things easier. Then, because we no longer have the opportunity to talk to these students before they enroll in our classes, we are asking*



that they take our online placement exam as well, because that exam is specifically correlated to UT's German courses, unlike the AP exam, so we have a much clearer sense of where they should start. The default credit awarded for a score of 4 or 5 is GERM 311-312, but if the student and/or advisor asked for GERM 211-212 instead then we would adjust the student's record accordingly. Impact on other units: None. Financial Impact: None.

## OFFICE OF FINANCIAL AID

Change to be made to the 2020-2021 catalog

Informational Only

Informative

### INFORMATIONAL ITEM REVISE TEXT

#### About the University

#### Student Loans

#### ~~Federal Perkins Loan~~

~~This low-interest loan (currently five percent) is for students with exceptional financial need as determined by the school. For undergraduate students, priority is given to Federal Pell Grant eligible students. The loan will be issued through the Office of Financial Aid and Scholarships, disbursed and repaid to the UT Student Loans Office. Repayment begins following graduation, withdrawal, or when the student ceases to carry at least half-time enrollment.~~

~~Eligibility for the Federal Perkins Loan is determined when the student applies for federal aid using the Free Application for Federal Student Aid (FAFSA). The above regulations and provisions of the Federal Perkins Loan Program are correct as of this printing and are subject to change by federal legislation or regulation.~~

*Rationale: The Federal Perkins Loan has been discontinued; therefore, we need to remove this text from our catalog.*

## UNIVERSITY LIBRARIES

All changes effective immediately

Informative

### INFORMATIONAL ITEM REVISE TEXT

#### University Libraries

(main library page, paragraph 1)

The library is everywhere you are. Research assistance ([lib.utk.edu/askusnow](http://lib.utk.edu/askusnow)) is available by walk-in, e-mail, phone, chat and text, and by appointment with the librarian who specializes in your discipline ([lib.utk.edu/librarians](http://lib.utk.edu/librarians)). The UT Libraries holds ~~3.6~~ **3.3** million print volumes and provides access to a vast collection of electronic journals, books, and media. Visit [library.utk.edu](http://library.utk.edu) to chat with a librarian, find books and electronic resources, watch a video tutorial about using the library, or connect with us on social media.

*Rationale: Updating the text to reflect current library holdings. Impact on other units: None. Financial impact: None.*

**PROPOSALS FOR THE 2020-2021 CATALOG****HERBERT COLLEGE OF AGRICULTURE**

All changes effective Fall 2020

**COURSE CHANGES****INTERDEPARTMENTAL****(AGNR) Agriculture and Natural Resources**Low-  
impact:  
Revise  
Course**REVISE GRADING RESTRICTION (multiple courses)****AGNR 100 - Student Success in the Herbert College of Agriculture (1)***Grading Restriction: ABC/N grading only.**Formerly: Grading Restriction: A, B, C, No Credit grading only.***AGNR 103 - Introduction to Teambuilding (1)***Grading Restriction: ABC/N grading only.**Formerly: Grading Restriction: A, B, C, No Credit grading only.**Rationale: To update grading restriction to comply with HOPE scholarship policies. Impact on other units: None. Financial impact: None.***DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS  
(ALEC) Agricultural Leadership, Education and Communications**

Program Learning Outcomes for a BS in Agriculture:

1. Students will demonstrate critical thinking; a habit of mind characterized by the comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating an opinion or conclusion.
2. Students will demonstrate the ability to prepare a purposeful presentation designed to increase knowledge, foster understanding, and promote change in the listeners' attitudes, values, beliefs, or behaviors.
3. Students will demonstrate the development and expression of ideas through written communication using text, data, and graphics with consideration to a variety of genres and styles.

Mid-  
impact:  
Drop  
Course**DROP COURSE****ALEC 412 Seminar in Agricultural Leadership (1)***Rationale: Reducing the number of leadership courses to be more consistent with other ALEC concentrations and realign teaching FTE. Impact on other units: None. Financial impact: None.***DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS  
(AREC) Agriculture and Resource Economics**

Student Learning Outcomes

B.S. in Agricultural &amp; Resource Economics, Major in Food &amp; Agricultural Business

1. Students can explain and illustrate economic concepts and principles related to the market system's role in allocating society's resources to and within the food and fiber system.



2. Students can explain and illustrate economic concepts and principles related to decision-making by consumers and producers with regard to agricultural commodities, food products, and natural resources.
3. Students can explain basic principles in the areas of management, marketing and finance, and apply them in the context of agribusiness decision making.
4. Students can use economic logic and quantitative data to analyze problems and identify solutions related to the food and fiber system, the natural resource base, and environmental quality.

**B.S. in Agricultural & Resource Economics, Major in Natural Resource & Environmental Economics**

1. Students can explain and illustrate economic concepts and principles related to the market system's role in allocating society's resources to and within the food and fiber system.
2. Students can explain and illustrate economic concepts and principles related to decision-making by consumers and producers with regard to agricultural commodities, food products, and natural resources.
3. Students can identify and explain the market failures associated with environmental externalities, public goods, and scarce natural resources along with the array of policy tools that can be used to address these failures.
4. Students can use economic logic and quantitative data to analyze problems and identify solutions related to the food and fiber system, the natural resource base, and environmental quality.

Low-  
impact:  
Revise  
course

**REVISE CREDIT HOURS, ADD CONTACT HOUR DISTRIBUTION**

**AREC 324 – Quantitative Methods (4)**

*Contact Hour Distribution: 2 hours lecture and one 2 hour lab.*

*Formerly: AREC 324 – Quantitative Methods (3)*

*Rationale: Currently AREC students are required to take BUAD 242, Business Software Applications. By making AREC 324, Quantitative Methods in Ag Economics, a four-hour class, we will be able to teach industry relevant software such as Microsoft Excel applications for our students. Students would no longer need to take BUAD 242 and this would also allow our student to increase the AREC elective hours. The revised AREC 324 course include two hours of lecture and a two-hour lab, which will include assignments requiring the use of Microsoft Excel.*

Low-  
impact:  
Revise  
course

**REVISE CREDIT HOURS**

**AREC 352 – Futures and Options Markets (3)**

*Formerly: AREC 352 – Futures and Options Markets (2)*

*Rationale: Change AREC 352 from 2 credit hours to 3 credit hours. Course was taught in Spring 2019, Spring 2018, and in Spring 2017 as a 2 credit hour class. In Spring 2016 the course was taught as AREC 493 and was 3 credit hours. Given the popularity of the course from students and industry, we would like to again teach this as a 3 credit hour course. Feedback from students is clear that they prefer this to be 3 credit hours given the opportunity to explore further the depth and breadth of the topic.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**AREC 395 – Executive Seminar Series (1)**

Exposure to real-world applications of business and economic principles, agricultural policy implications, and business and institutional leadership through face-to-face interaction with leaders in the food and agricultural Industry. Engagement of students in discussion of a range of cutting-edge topics such as the challenges of feeding the world and the impact of technology on the future of the industry.

*Repeatability: Not Repeatable.*

*Registration Restriction: Minimum student level – junior.*

*Rationale: Course was taught in Fall 2017 and Fall 2018) under AREC 493: Independent Study. In Fall 2019 the course is taught under AREC 495. We would like to change the course number to AREC 395 to reflect this class is open to juniors and seniors. The course was very well received by AREC majors and students from other majors in the College. An added benefit to the Department is the contact with alumni and other industry leaders. Impact on other departments: None. Financial impact: None.*

COURSE EQUIVALENCY TABLE

Former Prefix/ Course Number	Equivalent New Prefix / Course Number
AREC 495	AREC 395

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **AREC 443 – Food Industry Management and Marketing (3)**

*Rationale: Course has never been taught in the department. Many of the topics covered in this course are being covered in other courses in the Department of Agricultural and Resource Economics. Eliminating this course as a requirement for the Food Industry Management concentration in Food and Agricultural Business major and replacing with AREC 420 – International Agricultural Trade and Marketing will allow a broader coverage of pertinent topics and better use of departmental resources. Impact on other departments: None. Financial impact: None*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **AREC 495 – Executive Seminar Series (1)**

*Rationale: We would like to change the course number to AREC 395 to reflect this class is open to juniors and seniors. Impact on other departments: None likely. Financial impact: None, course will be reconstituted as a different course number.*

COURSE EQUIVALENCY TABLE

Former Prefix/ Course Number	Equivalent New Prefix / Course Number
AREC 495	AREC 395

## **DEPARTMENT OF ANIMAL SCIENCE (ANSC) Animal Science**

Learning outcomes for the B.S. in Animal Science:

1. Students will be able to demonstrate use of the terminology and processes relevant to Animal Science.
2. Students will be able to utilize information in problem-solving and professional situations.
3. Students will be able to recognize and incorporate awareness of cultural or regional differences in practice and management of the discipline.

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS, REMOVE CONTACT HOUR DISTRIBUTION, REMOVE GRADING RESTRICTION**

#### **ANSC 100 - Orientation to Animal Science (2)**

*Formerly: ANSC 100 – Orientation to Animal Science (1)  
Contact Hour Distribution: 1 hour lecture.  
Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: The extra time will allow more interaction between students and faculty, and implementation of faculty and peer mentoring programs. Removing the ABC/NC grading restriction will encourage student accountability. Impact on other departments: None. Financial impact: None. The additional teaching time will be divided up among the faculty and will focus on building the mentorship. This results in minimal additional work for any one faculty member or the course instructor.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **ANSC 150 – Global Animal Agriculture Systems and Society (2)**

The projected world population will grow to nearly 10 billion people by 2050. To sustain the nutritional needs of our populations, the demand for milk, eggs, meat, and other animal products will continue to grow. This requires an understanding of the balance needed among competing values of producing a safe, affordable food supply for everyone while sustaining livelihoods, human health, animal health and welfare (ONE-HEALTH) with a limited land base. Developing strategies and technologies to address these needs will be critical for the future. Students will develop the knowledge and skills to be able to investigate and critically evaluate the benefits, challenges, and needs associated with feeding the world with animal protein. Students must complete this course with a grade of C or better to remain in the major of Animal Science.

*Rationale: This team-taught course will better utilize instructor time and expertise, increase student accessibility to faculty early in their program, and provide a sound introduction to the current practices and challenges in animal agriculture within a global context. This will support Learning Outcomes 1 and 3. Departmental assessment revealed a lack of direct methods to instruct and assess learning in outcome 3, and we wished to formally incorporate global concepts in our curriculum. As this will be a required course of all ANSC majors, we anticipate minimum enrollment to be approximately 120 students (all ANSC majors) in the Fall, and up to 75 students (approximately 50% ANSC majors and 50% open to other students) in the Spring semester. Our hope over time is that we can develop this course into an online course and offer it in the summer as well. Impact on other departments: The change from ANSC 160-280-281 to 150-250 will impact ALEC students. ALEC has been notified of the change. Financial impact: none (this course is replacing 160), although a shift in effort from lecturers leading 160 to faculty leading 150 should be noted.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **ANSC 160 – Introduction to Animal Science (2)**

*Rationale: The transition from the 160-280-281 series to 150-250 should accomplish several objectives: 1) Encourage new student early exposure to faculty mentors; 2) Alleviate student backlog for the courses; 3) Reduce current reliance on lecturers; 4) Reduce current limits on animal availability; 5) Increase scheduling flexibility through offering several lab sections, and 5) Introduce the discipline of animal science with a more global approach. Impact on other departments: ALEC; Department has been notified. Financial impact: None, although this will result in a more balanced workload for our lecturers and involve faculty more in early coursework without unduly burdening them. There may be some cost savings realized as redundant material is removed from the course sequence, resulting in more efficient usage of animals.*

Low-  
impact:

### **REVISE (RE) PREREQUISITE(S)**

#### **ANSC 220 - Animal Anatomy and Physiology (3)**

Revise  
course

(RE) Prerequisite(s): BIOL 101-BIOL 102, BIOL 130, or BIOL 150-BIOL 159; MATH 119 or MATH 130 or Mathematics ACT greater or equal to 25 or Mathematics SAT greater or equal to 620.

Formerly: (RE) Prerequisite(s): Biology 101-102, 130, or 150-159.

Rationale: This course requires algebraic skills and is a prerequisite to required courses which also require these skills. Impact on other departments: None; WFS and EEB programs also requires the same mathematics requirements. Financial impact: None.

Mid-  
impact:  
Add  
Course

### **\$ADD COURSE**

#### **\$ANSC 250 – Introduction to Animal Handling and Management (4)**

Introduction to structure and production principles of the food animal and equine industries. Exposure to current animal management practices as they affect livestock, equine, companion, and exotic animal industries. Topics may include animal behavior, restraint and welfare, nutrients, food safety, animal reproduction, health and well-being, emerging technologies and career opportunities in animal industries. Students must complete this course with a grade of C or better to remain in the major of Animal Science.

Contact Hour Distribution: 3 hours lecture and one 2-hour lab.

(RE) Corequisite(s): ANSC 150.

Rationale: Analysis of departmental teaching efforts revealed a need to streamline our curriculum and reduce redundancy and workload. This course is essentially a recombination of material from 160, 280 and 281, repackaged to reduce redundancy and to increase flexibility in student, instructor, and animal scheduling. This repackaging eliminates the need for a prerequisite; this should reduce the current backlog of students attempting to enroll in 280 and 281. The course will support our Learning Outcome 1. Impact on other departments: The change from ANSC 160-280-281 to 150-250 will impact ALEC students. ALEC has been notified of the change. Financial impact: none. (note- course fee will be requested to cover animal and other laboratory expenses, equivalent to what is currently charged in 280 + 281).

Mid-  
impact:  
Drop  
Course

### **\$DROP COURSES**

#### **\$ANSC 280 – Livestock Management and Well-being (2)**

#### **\$ANSC 281 – Equine, Companion, and Exotic Animal Management and Well-being (2)**

Rationale: The transition from the 160-280-281 series to 150-250 should accomplish several objectives: 1) Encourage new student early exposure to faculty mentors; 2) Alleviate student backlog for the courses; 3) Reduce current reliance on lecturers; 4) Reduce current limits on animal availability; 5) Increase scheduling flexibility through offering several lab sections, and 5) Introduce the discipline of animal science with a more global approach. Impact on other departments: ALEC; Department has been notified. Financial impact: None, although this will result in a more balanced workload for our lecturers and involve faculty more in early coursework without unduly burdening them. There may be some cost savings realized as redundant material is removed from the course sequence, resulting in more efficient usage of animals.

*Equivalency Chart for Fee Purposes Only*

Old courses	New course
ANSC 280 and ANSC 281	ANSC 250

Low-  
impact:  
Revise  
course

### **ADD CONTACT HOUR DISTRIBUTION, ADD (RE) PREREQUISITE(S)**

#### **ANSC 360 - Equine and Food Animal Evaluation (3)**

Contact Hour Distribution: Two 1-hour lectures and 1 lab.

(RE) Prerequisite: ANSC 150 or ANSC 250.

*Formerly: None*

*Rationale: Contact hour distribution information was missing. The prerequisites will ensure that students have a sound working knowledge of livestock biology and safe handling methods.  
Impact on other departments: None. Financial impact: None, as there are no changes to the existing course.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **ANSC 361 - Livestock Merchandising (3)**

*(RE) Prerequisite(s): ANSC 150; AREC 201 or ECON 201.*

*Formerly: (RE) Prerequisite(s): 160; Agricultural and Resource Economics 201 or Economics 201.*

*Rationale: ANSC 160 is being dropped. Impact on other units: None. Financial Impact: None.*

## **DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCES (BSE) Biosystems Engineering**

### **Student Learning Outcomes**

1. *An ability to apply basic mathematics, science, and engineering science, including especially how those are related to biological systems;*
2. *An ability to apply common engineering tools, including problem formulation, design, and data collection and analysis;*
3. *An ability to perform in the non-technical aspects required of engineers, including communications and working in teams;*
4. *A demonstrated understanding of how engineers fit into the broader society, including ethical behavior and lifelong learning responsibilities.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREQUISITE(S)**

#### **BSE 400 - Design Project I (2)**

*(RE) Prerequisite(s): Three of BSE 411 or BSE 417; BSE 431 or BSE 437; BSE 451 or BSE 457; CE 495 or CE 498.*

*Formerly: (RE) Prerequisite(s): Three of 411 or 417, 416 or 418 or Civil Engineering 495 or 498, 431 or 437, 451 or 457.*

#### **BSE 404 - Engineering Project Management (3)**

*(RE) Prerequisite(s): BSE 411, BSE 431, and BSE 451.*

*Formerly: (RE) Prerequisite(s): Three of 411, 416, 431, 451.*

*Rationale: BSE 416 and BSE 418 are being dropped. Impact on other units: None. Financial Impact: None.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSES**

#### **BSE 416 Environmental Hydrology (3)**

#### **BSE 418 Honors: Environmental Hydrology (3)**

*Rationale:* These courses have not been taught for at least 5 years, since Civil and Environmental Engineering added a very similar class (CE 495 Hydrology) and invited us to put our students into it. We expect to continue this collaboration for the foreseeable future. *Impact on other units:* Only taken by students in this major. *Response to assessment:* none. No changes in Outcomes. *Financial impact:* none.

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **BSE 444 – Practicum (3)**

*(RE) Prerequisite(s):* Three of BSE 411 or BSE 417; BSE 431 or BSE 437; BSE 451 or BSE 457; CE 495 or CE 498.

*Formerly: (RE) Prerequisite(s):* Three of 411 or 417, 416 or 418 or Civil Engineering 495 or Civil Engineering 498, 431 or 437, 451 or 457.

*Rationale:* BSE 416 and BSE 418 are being dropped. *Impact on other units:* None. *Financial Impact:* None.

## **(CSAS) Construction Science and Agricultural Systems**

### **Student Learning Outcomes**

1. *Students will demonstrate the ability to use available technologies, skills, and engineering tools including knowledge of mathematics, management, science, and applied engineering and physics to solve construction/agricultural related problems;*
2. *Students will demonstrate an understanding of professional and ethical responsibility, and identify and critically analyze the environmental, social, and economic dimensions of sustainability;*
3. *Students will demonstrate effective levels of communication through written and oral skills; these skills will be incorporated into specific technical courses within the major, providing continuous communication evaluation and improvement.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CSAS 215 Statics for Construction (3)**

Includes review of vector operations, Free Body Diagrams, forces and moments (torque) in static equilibrium, two-dimensional linkages, friction, center of mass, and other concepts relevant to construction. Emphasis on unit conversion and computation using calculators and spreadsheets. *(RE) Prerequisite(s):* CSAS 125, Letter grade of C or better in PHYS 221.

*Rationale:* This course has been added to improve the success rate of students in CSAS 325 Structural Mechanics in Construction. Providing a blend of physics and statics, this will provide a basic understanding of forces and reactions necessary for the next class in the sequence. *Impact on other units:* Only taken by students in this major. *Response to assessment:* none. No changes in Outcomes. *Financial impact:* part of the final establishment of the CSAS curriculum before accreditation. Will be taught by an instructor whose time will be freed up by the other changes.

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS, REMOVE (RE) COREQUISITE(S)**

#### **CSAS 224 Construction Surveying (2)**

*Formerly:* CSAS 224 – Construction Surveying (3)

*(RE) Corequisite(s):* 222 or 414.

*Rationale:* This modification allows the introduction to surveying methodology while conserving credit hours. The new design will create a scheduling scenario where one instructor can teach



*this class both first and second term in the same semester. The Construction Science Executive Advisory Board has reviewed the course description and verified that seven weeks of intensive instruction will satisfy industry needs for construction surveying. The change in the course material means that the Autocad background is no longer necessary for the course. Response to assessment: none. No changes in Outcomes. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **CSAS 270 Behavior of Construction Materials (4)**

*(RE) Prerequisite(s): CSAS 125, MATH 141 or MATH 151; CHEM 100 or CHEM 120 or CHEM 128.*

*Formerly: (RE) Prerequisite(s): 125, Mathematics 141 or 151.*

*Rationale: Chemistry is an attribute associated with cement and concrete mix designs, so a background in chemistry is required for full success in the course. Response to assessment: none. No changes in Outcomes. Financial impact: none, since almost all students take Chemistry anyway; this just requires them to have it first.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CSAS 272 Construction Colloquium (3)**

*Presentations, analysis and discussion of modern construction real-world projects. Emphasis is on the construction management process regarding project design, pre-construction activities, project control, lean/risk analysis, safety, etc.*

*(RE) Prerequisite(s): CSAS 125, CSAS 211.*

*Rationale: This course was developed to connect current real-world construction examples, methods, trends and case studies with the students in Construction Science. This course improves the transition of students to working graduates. The Construction Science Executive Advisory Board indicated that this would enhance success and allow students to make better informed decisions about which type, size or division of construction fit their needs. Impact on other units: Only taken by students in this major. Response to assessment: none. No changes in Outcomes. Financial impact: part of the final establishment of the CSAS curriculum before accreditation.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **CSAS 325 Structural Mechanics in Construction (3)**

*(RE) Prerequisite(s): CSAS 215; Letter grade of C or better in PHYS 221 or EF 151.*

*Formerly: (RE) Prerequisite(s): Letter grade of C or better in Physics 221 or Engineering Fundamentals 151.*

*Rationale: This prerequisite modification will use the new CSAS 215 "Static for Construction" course sequence. Response to assessment: none. No changes in Outcomes. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION**

#### **CSAS 345 Construction Safety (3)**

*Construction site safety including safety compliance, reporting, standards, protection of the general public and codes. Introduction to conducting on-site worker safety awareness emphasizing hazard recognition, avoidance, health hazards and accident prevention.*

*Formerly: CSAS 345 – Green Construction and Construction Safety (3)*

*Considerations for energy efficient and environmentally sustainable buildings and development practices, practical and measurable aspects of building elements and corresponding building certification systems; construction safety, including the recognition, avoidance, abatement, and prevention of construction safety and health hazards.*

*Rationale: This modification is based on suggestions provided by the Construction Science Executive Advisory Board. Safety is a major aspect in the construction industry; this modification strengthens a student's exposure to hazard recognition and OSHA compliance. The sustainability portion of the material in this course has been moved to CSAS 430. Impact on other units: Only taken by students in this major. Response to assessment: none. No changes in Outcomes. Financial impact: part of the final establishment of the CSAS curriculum before accreditation.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION**

#### **CSAS 430 Construction Field Operations and Sustainability (3)**

Introduction to construction field operations and project organization. Integrates project management with field supervision, emphasizing the requirements normally associated with on-site commercial construction activities. Special attention will be given in areas of stakeholders, recordkeeping, mobilization, closeout, equipment, communication, and safety compliance. Additional considerations for energy efficiency and environmentally sustainable buildings, development practices, and the construction process.

*Formerly: CSAS 430 Construction Field Operations (3)*  
*Introduction to construction field operations and project organization. Integrates project management with field supervision, emphasizing the requirements normally associated with on-site commercial construction activities. Special attention will be given in areas of stakeholders, recordkeeping, mobilization, closeout, equipment, implementation tools, communication, safety compliance, and field office function.*

*Rationale: Construction field operations and sustainability are intertwined in today's modern construction industry. With the modification of CSAS 345 Green Construction and Construction Safety due to the Advisory Board's recommendation, the green construction component was moved to a better fit in the context of sustainable construction methodology in this course. Impact on other units: Only taken by students in this major. Response to assessment: none. No changes in Outcomes. Financial impact: part of the final establishment of the CSAS curriculum before accreditation.*

### **(ESS) Environmental and Soil Sciences**

#### **Student Learning Outcomes**

1. *Students should be able to demonstrate competency in appropriate discipline areas;*
2. *Students can demonstrate effective written and oral communication skills;*
3. *Students can demonstrate an understanding of and appreciation for global and societal impacts;*
4. *Students can demonstrate the ability to analyze and interpret data.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE, REQUEST VARIABLE TITLE**

#### **ESS 494 Special Topics in Environmental and Soil Sciences (1-3)**

Varying topics and formats addressing current issues in the Environmental and Soil Sciences. *Repeatability: May be repeated. Maximum 3 hours.*

*Rationale: Currently taught as ESS 499, but that class is being renamed as Undergraduate Research to better align with the other 499 courses in our college. Impact on other units: None.*



*Response to assessment: none. No changes in Outcomes. Financial impact: no actual new classes.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE**

#### **ESS 499 - Undergraduate Research in Environmental and Soil Sciences (1-6)**

*Formerly: ESS 499 - Research Problem in Environmental and Soil Sciences (1-6)*

*Rationale: aligns better with descriptions of most other 499 courses in our college. Impact on other units: None. Response to assessment: none. No changes in Outcomes. Financial impact: no actual new classes.*

### **DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY (EPP) Entomology and Plant Pathology**

No student learning outcomes, the department does not have an undergraduate major.

Low-  
impact:  
Revise  
course

### **\*REVISE DESCRIPTION**

#### **\*EPP 123 - Chocolate: Bean to Bar (3)**

Chocolate is one of the most popular foods in the world. More than 50 million people worldwide currently depend on chocolate (cacao) for their livelihood. Surprisingly, most people know very little about where chocolate comes from, the global impacts on various cultures, both historically and currently, or what “real” chocolate actually tastes like, despite the long history and association with chocolate. This course will introduce students to chocolate – the cacao plant and its associated pests and diseases, the underlying science, its history, and the impacts on past and current societies and cultures.

*Formerly: Chocolate is one of the most popular foods in the world. More than 50 million people worldwide currently depend on chocolate (cacao) for their livelihood. Surprisingly, most people know very little about where chocolate comes from, the global impacts on various cultures, both historically and currently, or what “real” chocolate actually tastes like, despite the long history and association with chocolate. This course will introduce students to chocolate – the cacao plant and its associated pests and diseases, the underlying science, its history, and the impacts on past and current societies and cultures. Offered Spring semester annually.*

*\*Note that this course has been approved as CC under the current general education curriculum.*

### **DEPARTMENT OF FOOD SCIENCE (FDSC) Food Science**

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **FDSC 269 Meat Evaluation and Grading (2)**

*Rationale: The instructor who taught this course has retired from the department. No other faculty are qualified to teach the course, and there is no immediate plan to replace the position. Impact on other units: Minimal to Animal Science. Financial impact: None*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **FDSC 361 Fresh Meats (3)**

*Rationale: The instructor who taught this course has retired from the department. No other faculty are qualified to teach the course, and there is no immediate plan to replace the position. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **FDSC 362 Manufactured Meat Technology (3)**

*Rationale: The instructor who taught this course has retired from the department. No other faculty are qualified to teach the course, and there is no immediate plan to replace the position. Impact on other units: None. Financial impact: None.*

## **DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES (FORS) Forestry**

Low-  
impact:  
Revise  
course

### **\*REVISE DESCRIPTION**

#### **\*FORS 321 – Wildland Recreation (3)**

Introduction to Wildland Recreation: Historical and philosophical foundations of recreation, wildland recreation behavior, resources, policy, planning and management, and natural history interpretation.

*Formerly: Philosophical foundation of recreation. Planning, development, and management of forest recreation resources. Interpretation of forest resources.*

## **(FWF) Forestry, Wildlife and Fisheries**

Mid-  
impact:  
Archive  
Course

### **ARCHIVE COURSE**

#### **FWF 325 - Wildlife Vegetation and Habitat (3)**

*Rationale: This course was converted to FWF 325S, currently both are listed in the catalog.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT RESTRICTION, ADD REGISTRATION RESTRICTION(S)**

#### **FWF 420 - International Natural Resource Issues (3)**

*Credit Restriction: Students may not receive credit for both FWF 520 and FWF 420 or FWF 427. Registration Restriction(s): minimum student level – junior.*

*Formerly: Credit Restriction: Students may not receive credit for both 420 and 520. No Registration Restriction(s).*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **FWF 427 - Honors International Natural Resource Issues (3)**

Identification and analyses of issues regarding forestry, wildlife, fisheries, and associated natural resources beyond U.S. borders. Biophysical, economic, and cultural elements impacting natural resources at the international level. Cases — Northern Europe, Latin America, Indonesia, and Africa.

*Credit Restriction: Students may not receive credit for both FWF 427 and FWF 420 or FWF 520. Registration Permission: Consent of Instructor.*

*Rationale: This is an honors section of FWF 420, with additional requirements to provide honors students (particularly those in the international ag minor) with a learning opportunity at a more*

advanced level. This supports the learning outcome that Students will demonstrate knowledge and understanding of Wildlife and Fisheries Science in one of the two concentrations. Impact on other Departments: none. Financial impact: None; the class will be taught simultaneously with FWF 420 and students enrolled in FWF 427 will have additional assignments as outlined in the syllabus.

### (WFS) Wildlife and Fisheries Science

Mid-  
impact:  
Drop  
Course

#### **DROP COURSE**

#### **WFS 323 – Human Dimensions of Wildlife and Fisheries (1)**

*Rationale: This course has not been taught since 2014, and the material is now being covered in other courses.*

Mid-  
impact:  
Add  
Course

#### **ADD COURSE**

#### **WFS 434 - Ecology and Conservation of Tropical Mammals (3)**

This course will examine tropical ecosystems and the taxonomy, diversity, life history, management, and conservation of associated mammal species.

*(RE) Pre-requisite(s): FWF 315.*

*Credit Restriction: Students may not receive credit for both FWF 434 and FWF 534.*

*Rationale: additional wildlife elective, also elective for international ag minor, added flexibility for students which was identified as a need by the departmental Advisory Council. This supports the learning outcome that Students will demonstrate knowledge and understanding of Wildlife and Fisheries Science in one of the two concentrations. Impact on other Departments: none. Financial impact: None. Teaching duties of Wildlife faculty have recently been re-distributed, to ensure that courses taught by faculty align with expectations. This class will be taught by Emma Wilcox.*

### DEPARTMENT OF PLANT SCIENCES (PLSC) PLANT SCIENCES

Low-  
impact:  
Revise  
course

#### **REVISE (RE) PREREQUISITE(S)**

#### **PLSC 454 Plant Biotechniques (3)**

*(RE) Prerequisite(s): BIOL 113 or BIOL 114 or BIOL 240 or consent of instructor.*

*Formerly: (RE) Prerequisite(s): Biology 113 or 114.*

*Rationale: Instructor believes Biology 240 is a suitable course, consent of instructor being added to direct students to speak with instructor if they do not meet stated (RE) prerequisites. Impact on other departments: None Financial Impact: None.*

### PROGRAM CHANGES

#### Interdepartmental

Low-  
impact:  
Revise  
program

#### **REVISE REQUIREMENTS**

#### **Watershed Minor**

#### **Minor Requirements**

**Watershed Core**

- ~~BSE 416 Environmental Hydrology~~
- ~~BSE 418 Honors: Environmental Hydrology~~

**Science/Engineering**

- ~~BSE 416 Environmental Hydrology~~
- ~~BSE 418 Honors: Environmental Hydrology~~

*Rationale: To remove courses that are being dropped. Impact on other units: None. Financial impact: None. The total hours remain the same.*

**DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION, AND COMMUNICATIONS**

Program Learning Outcomes for a BS in Agriculture:

1. Students will demonstrate critical thinking; a habit of mind characterized by the comprehensive exploration of issues, ideas, artifacts, and events before accepting or formulating an opinion or conclusion.
2. Students will demonstrate the ability to prepare a purposeful presentation designed to increase knowledge, foster understanding, and promote change in the listeners' attitudes, values, beliefs, or behaviors.
3. Students will demonstrate the development and expression of ideas through written communication using text, data, and graphics with consideration to a variety of genres and styles.

Low-  
impact:  
Revise  
text

**REVISE TEXT**  
(main department page)

**Agricultural Leadership, Education, and Communications**

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The community engagement and leadership development concentration is designed for students who want to develop leadership skills and pursue careers in extension, government, community or youth organizations, business/industry, or international environments. The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community.~~ The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. ~~The agricultural extension concentration is designed for those interested in agricultural extension careers.~~ The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

Low-  
impact:  
Revise  
program

**REVISE TEXT**

**Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Communications Concentration**

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to~~

~~teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers.~~ The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Communications Concentration

Term 2	Hours	Milestone Notes
ENGL 102*	3	2.0 cumulative GPA
JREM 200*	3	ENGL 101*
FDSC 150* <b>or EPP 123*</b>	3	
Animal Science Elective (any ANSC course)	2	
<sup>1</sup> Quantitative Reasoning Elective*	3	

*Rationale: To remove unnecessary text and to add a new course option. Impact on other units: None. Financial impact: None.*

## END CONCENTRATIONS

### Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Extension Education Concentration

### Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Leadership Concentration

*Rationale for these Changes: The elimination of the Agricultural Extension Education and Agricultural Leadership concentrations and the addition of a new Community Engagement and Leadership Development concentration is requested to provide a more robust concentration that engages students in meaningful community leadership training that integrates the two previous concentrations. We anticipate this concentration will effectively train students for careers in Extension, non-profits, and other community engagement organizations. Impact on other units: In the proposed new concentration, we are using courses from a number of other departments. Each of these units have been consulted and each has provided written documentation that they welcome our students in their courses. Financial impact of these changes: None expected.*

## REVISE TEXT

### Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Education Concentration

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community.~~ The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. ~~The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in~~

Mid-  
impact:  
End  
Conc.

Low-  
impact:  
Revise  
program

~~agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.~~

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Education Concentration

Term 4		
ALEC 211	3	2.5 cumulative GPA
<del>ANSC 150 ANSC 160</del>	2	ENGL 102*
AREC 212	3	
<sup>3</sup> Arts and Humanities Elective*	3	
PLSC 320 or PLSC 321	3	
ALEC 392	2	
Term 6		
ALEC 345	3	2.75 cumulative GPA
<del>ANSC 250 ANSC 280</del>	<del>4</del> 2	ALEC 211
FDSC 150*, <del>or EPP 123</del> , and FDSC 241	6	
PLSC 330	3	
Term 7		
ALEC 434, ALEC 440*	6	2.75 cumulative GPA
EDPY 401	3	ALEC 345
SPED 402	3	
ETEC 486	3	
<del>ANSC 284</del>	<del>2</del>	

*Rationale: To remove unnecessary text and to reflect course changes. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Add  
Conc.

## ADD CONCENTRATION

### Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Community Engagement and Leadership Development Concentration

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. The community engagement and leadership development concentration is designed for students who want to develop leadership skills and pursue careers in extension, government, community or youth organizations, business/industry, or international environments.

## uTrack Requirements

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

**Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Community Engagement and Leadership Development Concentration**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
<sup>1</sup> Agricultural Core Elective	3	2.5 cumulative GPA
<sup>2</sup> Natural Science Electives *	3	
ALEC 102	3	
ENGL 101 * or ENGL 118 *	3	
<sup>2</sup> Quantitative Reasoning Elective *	3	
<b>Term 2</b>		
ALEC 211	3	2.5 cumulative GPA
ALEC 202	3	
<sup>2</sup> Natural Science Electives *	3	
ENGL 102 *	3	
MATH 115 *	3	
<b>Term 3</b>		
ALEC 201	1	2.7 cumulative GPA
ALEC 240 *, CMST 210 *, CMST 217 *, CMST 240 *, or CMST 247 *	3	
<sup>3</sup> Social Science Elective*	3	
<sup>1</sup> Agricultural Core Elective	3	
<sup>4</sup> Biological Sciences Electives *	4	
<b>Term 4</b>		
<sup>2</sup> Arts and Humanities Elective *	3	2.7 cumulative GPA
<sup>2</sup> Cultures and Civilizations Elective*	3	
<sup>1</sup> Agricultural Core elective	3	
<sup>4</sup> Biological Sciences Electives *	4	
<sup>5</sup> Community Engagement Elective	3	
<b>Term 5</b>		
ALEC 303	3	2.7 cumulative GPA
<sup>3</sup> Social Science Elective*	3	
<sup>1</sup> Agricultural Core elective (300-400 level)	3	
<sup>5</sup> Community Engagement Elective	6	
<b>Term 6</b>		
<sup>2</sup> Cultures and Civilizations Elective*	3	2.7 cumulative GPA
<sup>2</sup> Arts and Humanities Electives *	3	
<sup>1</sup> Agricultural Core elective (300-400 level)	3	
<sup>5</sup> Community Engagement Elective	6	
<b>Term 7</b>		
ALEC 440 *	3	2.7 cumulative GPA
ALEC 434	3	
ALEC 340	3	
ALEC 441	3	
<sup>5</sup> Community Engagement Elective	3	
<b>Term 8</b>		
<sup>1</sup> Agricultural Core elective (300-400 level)	3	No Milestones
ALEC 450	3	
ALEC 492	6	
<sup>5</sup> Community Engagement Elective	3	
<b>TOTAL</b>	<b>120</b>	



\* Meets University General Education Requirement

<sup>1</sup> Agricultural Core is any Herbert College course except those with an ALEC prefix. To meet the agricultural core requirement, students are encouraged to select a minor in Animal Science; Biosystems Engineering Technology; Entomology and Plant Pathology; Environmental and Soil Science; Food and Agricultural Business; Food Science; Forestry; Honors Food, Agricultural, Natural Resources, and Human Sciences; International Agriculture and Natural Resources; Natural Resource and Environmental Economics; Plant Sciences; Wildlife and Fisheries; or Watershed.

<sup>2</sup> Chosen from the University General Education list.

<sup>3</sup> AREC 201 \* (4) or ECON 201 \* (4) or ECON 207 \* (4) satisfies the University General Education – Social Sciences requirement and the major requirement for economics. If the student transfers ECON LD for 3 credits, it will satisfy the major requirement but will not satisfy the General Education – Social Sciences requirement. In these cases, the student should take two courses from the Social Sciences list.

<sup>4</sup> Select sequence (8 hours) from BIOL 101 \*-BIOL 102 \*, BIOL 113 \*-BIOL 114 \*-BIOL 115 \*, BIOL 150 \*-BIOL 160 \*-BIOL 159 \*, or BIOL 158 \*-BIOL 168 \*-BIOL 167 \*.

<sup>5</sup> Community Engagement elective chosen from CFS 210, CFS 213, CFS 220, CFS 240, CFS 320, or CFS 360; COUN 333, COUN 460, or COUN 480; CSE 300; PYSC 235, PYSC 335, PYSC 409, PSYC 450, PYSC 454, PYSC 459, PSYC 461, PSYC 470, PSYC 471, PSYC 472, PSYC 475, or PSYC 481; PUBH 201, PUBH 315, PUBH 401, or PUBH 430; SOCI 342, SOCI 360, SOCI 363, or SOCI 375; WGS 200 OR WGS 370.

*Rationale for these Changes: The elimination of the Agricultural Extension Education and Agricultural Leadership concentrations and the addition of a new Community Engagement and Leadership Development concentration is requested to provide a more robust concentration that engages students in meaningful community leadership training that integrates the two previous concentrations. We anticipate this concentration will effectively train students for careers in Extension, non-profits, and other community engagement organizations. Impact on other units: In the proposed new concentration, we are using courses from a number of other departments. Each of these units have been consulted and each has provided written documentation that they welcome our students in their courses. Financial impact of these changes: None expected.*

## DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major

Term 4		
<del>BUAD-242</del>	2	AREC 201* or ECON 211* or ECON 213*
AREC 212	3	
<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
<sup>2</sup> Natural Sciences Elective*	3	
STAT 201* or STAT 207*	3	12
Term 5		
<sup>2</sup> Written Communication course*	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	



<sup>4</sup> AREC Electives	3	
<sup>2</sup> Arts and Humanities Elective*	3	
<sup>5</sup> Nondepartmental Herbert <b>College of Agriculture</b> Elective	3	16
<b>Term 6</b>		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350	<del>9-10</del> 9	ACCT 200
<sup>2</sup> Arts and Humanities Elective*	3	300-level AREC Elective
<sup>5</sup> Nondepartmental Herbert <b>College of Agriculture</b> Elective	3	15
<b>Term 7</b>		
Any upper-division course in <b>Haslam</b> College of Business	3	Apply to graduate
AREC 410, AREC 412	4	
<sup>4</sup> AREC Electives	3	
<sup>5</sup> Nondepartmental Herbert <b>College of Agriculture</b> Elective	3	
AREC 356 or AREC 492 or AREC 499 or AGNR 491	3	16
<b>Term 8</b>		
AREC 442	3	No milestones
<sup>4</sup> AREC Electives	<del>2-3</del> 2	
<sup>6</sup> Unrestricted Electives	<del>11-12</del> 10	16-17

<sup>5</sup> Nondepartmental Herbert **College of Agriculture** electives can also be used to satisfy General Education Requirements.

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Agricultural Production and Technology Management Concentration

<b>Term 4</b>		
<del>BUAD 242</del>	<del>2</del>	ECON 211* or ECON 213*
AREC 212	3	
<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
PLSC 250*	3	
<sup>2</sup> Arts and Humanities Elective*	3	
STAT 201* or STAT 207*	3	
<b>Term 5</b>		
<sup>2</sup> Written Communication Elective*	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
<sup>4</sup> AREC Electives	2-3	

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<sup>5</sup> Nondepartmental Herbert College of Agriculture Elective	3	
ANSC 150 <del>ANSC 160 or ANSC 280</del>	2	
<b>Term 6</b>		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350, AREC 352	<del>11-12</del> 44	ACCT 200
<sup>2</sup> Arts and Humanities Elective*	3	300-level AREC Elective
<sup>5</sup> Nondepartmental Herbert College of Agriculture Elective	3	
<b>Term 8</b>		
AREC 442	3	No milestones
<sup>5</sup> Nondepartmental Herbert College of Agriculture Electives	3	
<sup>6</sup> Unrestricted Electives	9-10	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

### REVISE TEXT

#### Food and Agricultural Business Major, BS in Agricultural and Resource Economics – Finance and Risk Management Concentration (~~Business Administration Minor~~)

Compared to the base major, this concentration requires departmental courses in rural real estate appraisal, agricultural law, futures/options markets, and commodity policy. ~~This concentration builds in a Minor in Business Administration that includes courses in management, marketing, and finance.~~ This concentration would be appropriate for students interested in working in some capacity within the finance, insurance, or real estate industries, or for the US Department of Agriculture agencies that administer the commodity and crop insurance programs.

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Finance and Risk Management Concentration (~~Business Administration Minor~~)

<b>Term 4</b>		
<del>BUAD-242</del>	<del>2</del>	ECON 211* or ECON 213*
AREC 212	3	
<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
<del>MGT-204</del>	<del>3</del>	
<sup>2</sup> Arts & Humanities Elective	<del>3</del>	
<sup>2</sup> Natural Sciences Elective*	3	
STAT 201* or STAT 207*	3	
<b>Term 5</b>		
<sup>2</sup> Written Communication Elective*	3	AREC 212
AREC 310, AREC 312, AREC 313	5	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
<del>MGT-300</del>	<del>3</del>	
AREC Elective	<del>2-3</del>	

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Term 6		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350, AREC 352	12-13 44	ACCT 200
<del>FINC 300</del>	3	300-level AREC Elective
AREC Elective	2-3	
<sup>2</sup> Arts & Humanities Elective	3	
Term 7		
<del>MARK 300</del>	3	Apply to graduate
AREC 331, AREC 410, AREC 412	6	
AREC 356 or AREC 492 or AREC 499 or AGNR 491	3	
<sup>4</sup> Nondepartmental Herbert College of Agriculture Elective	3	
<sup>6</sup> Any upper-division course in Haslam College of Business	3	15
Term 8		
AREC 442	3	No milestones
<sup>4</sup> Nondepartmental Herbert College of Agriculture Elective	3	
<del><sup>2</sup>Arts &amp; Humanities Elective</del>	6	
<sup>5</sup> Unrestricted Elective	10-11 -4	16

<sup>4</sup> Nondepartmental Herbert College of Agriculture electives can also be used to satisfy General Education Requirements.

<sup>6</sup> Students must meet prerequisites and registration restrictions.

*Rationale: To reflect course changes and allow a minor to be optional rather than required.*

*Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Five-Year BS/MS in Agricultural Resource Economics – Agricultural Economics Program

Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
<del>BUAD 242</del>	2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247* or ALEC 240*	3	
ECON 213*	3	
STAT 201* or STAT 207*	3	
<sup>2</sup> Natural Sciences Elective*	3	
<del>AGNR 292</del>	4	
AREC Elective	2	
Term 4		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350	9-10 9	ECON 211* or ECON 213*

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<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
<sup>2</sup> Arts and Humanities Elective*	3	
<sup>2</sup> Natural Sciences Elective*	3	
<b>Term 5</b>		
AREC 310, AREC 412	4	Complete prerequisites for MS Program: calculus (MATH 125*), statistics (STAT 201* or STAT 207*, AREC 324), and intermediate microeconomics (ECON 311).
ECON 311	3	
<sup>2</sup> Arts and Humanities Elective*	3	
<sup>4</sup> Nondepartmental Herbert <b>College of Agriculture</b> Electives	6	
<sup>2</sup> Written Communication Elective*	3	
<b>Term 6</b>		
AREC 442	3	Apply for conditional admission to Graduate Program after completion of at least 90 credit hours. Complete intermediate macroeconomics Graduate Program prerequisite (ECON 313).
AREC Elective (400-level course for graduate credit)	3	
ECON 313	3	
<sup>4</sup> Nondepartmental Herbert <b>College of Agriculture</b> Elective	3	
<sup>3</sup> Unrestricted Electives	5-6	

<sup>4</sup> Nondepartmental Herbert **College of Agriculture** electives can also be used to satisfy General Education Requirements.

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE TEXT

### Food and Agricultural Business Major, BS in Agricultural and Resource Economics – Food Industry Management Concentration ~~(Business Administration Minor)~~

Compared to the base major, this concentration requires departmental courses in food industry management and marketing as well as food policy. A course in food laws and regulations is also required. ~~This concentration builds in a Minor in Business Administration that includes courses in management, marketing, and finance.~~ This concentration would be appropriate for students interested in employment with companies engaged in the processing of agricultural commodities or the manufacturing, wholesaling, or retailing of food products.

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Food Industry Management Concentration ~~(Business Administration Minor)~~

#### Term 4

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<del>BUAD-242</del>	<del>2</del>	ECON 211* or ECON 213*
AREC 212	3	
<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
<del>MGT-204</del>	<del>3</del>	
<sup>2</sup> Natural Sciences Elective*	3	
STAT 201* or STAT 207*	3	
<sup>2</sup> Arts & Humanities Elective	<del>3</del>	
<b>Term 5</b>		
<sup>2</sup> Written Communication Elective*	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
<sup>4</sup> AREC Electives	2-3	
FDSC 390	3	
<del>MGT-300</del>	<del>3</del>	
<sup>5</sup> Nondepartmental Herbert College of Agriculture or Hotel, Restaurant, and Tourism or Retail and Consumer Science Elective	<del>3</del>	
<b>Term 6</b>		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350	<del>9-10</del> 9	ACCT 200
<sup>2</sup> Arts & Humanities Elective	3	300-level AREC Elective
<del>FINC-300</del>	<del>3</del>	
AREC Elective	2-3	
<b>Term 7</b>		
<del>MARK-300</del>	<del>3</del>	Apply to graduate
AREC 332, AREC 410, AREC 412	6	
AREC 356 or AREC 492 or AREC 499 or AGNR 491	3	
<sup>2</sup> Arts & Humanities Elective	<del>3</del>	
<sup>5</sup> Nondepartmental Herbert College of Agriculture or Hotel, Restaurant, and Tourism or Retail and Consumer Science Elective	<del>3</del>	
AREC Elective	4-6	
<b>Term 8</b>		
AREC 442, <del>AREC 420</del> <del>AREC-443</del>	6	No milestones
<sup>5</sup> Nondepartmental Herbert College of Agriculture or Hotel, Restaurant, and Tourism or Retail and Consumer Science Elective	3	
<sup>6</sup> Unrestricted Elective	<del>7-8</del> 4-5	

<sup>5</sup> Nondepartmental Herbert College of Agriculture electives can also be used to satisfy General Education Requirements.

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impact:  
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program

*Rationale: To reflect course changes and to make the minor optional rather than required.  
Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Law and Policy Concentration

Term 4		
<del>BUAD 242</del>	<del>2</del>	ECON 211* or ECON 213*
AREC 212	3	
<sup>3</sup> FDSC 100 or FDSC 150* or NUTR 100*	3	
<sup>2</sup> Natural Sciences Elective*	3	
STAT 201* or STAT 207*	3	
<del><sup>2</sup>Arts and Humanities Elective*</del>	<del>3</del>	
Term 5		
<sup>2</sup> Written Communication Elective*	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
Select two of the following courses: AREC 313, AREC 314, BULW 301	4	
<del><sup>2</sup>Arts and Humanities Elective*</del>	<del>3</del>	
<sup>4</sup> Nondepartmental Herbert <del>College of Agriculture</del> Elective	3	
Term 6		
AREC 324 or BAS 320 or ECON 381, AREC 342, AREC 350	<del>9-10</del> 9	ACCT 200
<sup>2</sup> Arts and Humanities Elective*	3	300-level AREC Elective
<sup>4</sup> Nondepartmental Herbert <del>College of Agriculture</del> Elective	3	
Term 7		
AREC 410, AREC 412	4	Apply to graduate
Select two of the following courses: AREC 331, AREC 332, AREC 333	4	
AREC 356 or AREC 492 or AREC 499 or AGNR 491	3	
<sup>5</sup> Law/Policy Directed Electives	3	
Term 8		
AREC 442	3	No milestones
<sup>5</sup> Law/Policy Directed Electives	2-3	
<sup>6</sup> AREC Electives	2-3	
<sup>7</sup> Unrestricted Electives	<del>8-11</del> 7-9	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Natural Resource and Environmental Economics Major

Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*

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program

PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
<sup>2</sup> Arts and Humanities Elective*	3	
<del>CMST 210*, CMST 217*, CMST 240*, or CMST 247*</del>	3	
<sup>2</sup> Natural Sciences Elective*	3	
<b>Term 4</b>		
<del>BUAD 242</del>	2	ECON 211* or ECON 213*
AREC 270	3	
<sup>2</sup> Arts and Humanities Elective*	3	
<del>CMST 210*, CMST 217*, CMST 240*, or CMST 247*</del>	3	
<sup>2</sup> Natural Sciences Elective*	3	
STAT 201* or STAT 207*	3	
<b>Term 5</b>		
AREC 310, AREC 314	3	AREC 212
ECON 311, ECON 362	6	MATH 119 or MATH 123* or MATH 125*
<sup>2</sup> Arts and Humanities Elective*	3	
<sup>3</sup> Directed Electives	2-3	
PHIL 346*	3	
<b>Term 6</b>		
AREC 324 or BAS 320 or ECON 381	3-4 3	ACCT 200
AREC 342 or AREC 350	3	300-level AREC elective
ESS 326 or FWF 430 or GEOG 311	3	
<sup>3</sup> Directed Electives	6	
<b>Term 8</b>		
AREC 470	3	No milestones
<sup>3</sup> Directed Electives	4-6	
ECON 463	3	
<sup>4</sup> Unrestricted Electives	8-10 6-8	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Agricultural and Resource Economics – Natural Resource and Environmental Economics Major – Five-Year BS/MS in Agricultural Resource Economics – Natural Resource Economics

<b>Term 3</b>		
ACCT 200 or ACCT 207	3	ENGL 101*
<del>BUAD 242</del>	2	
AREC 270	3	
ECON 213*	3	
STAT 201* or STAT 207*	3	
<sup>2</sup> Natural Sciences Elective*	3	
<del>AREC Elective</del>	2	
<b>Term 4</b>		

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impact:  
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program



AREC 324 or BAS 320 or ECON 381, AREC 342 or AREC 350	6-7 6	ECON 211* or ECON 213*
ECON 362	3	
<sup>2</sup> Natural Sciences Elective*	3	
PHIL 346*	3	
<sup>2</sup> Arts and Humanities Elective*	3	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF ANIMAL SCIENCE

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

To remain in the major, students must maintain at least a 2.0 cumulative GPA in ANSC courses by the end of semester three. Students must complete ANSC 100, ~~ANSC 150~~ ~~ANSC-160~~, and ANSC 220 with minimum grades of C, C, and C- respectively to remain in the Animal Science Major.

### Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Animal Industries Concentration

Term 1	Hours	Milestone Notes
ANSC 100	2 4	2.0 cumulative GPA
<del>ANSC 150</del> <del>ANSC-160</del>	2	
BIOL 101* or BIOL 150*	3-4	
CHEM 100* or CHEM 120*	4	
ENGL 101* or ENGL 118*	3	
Term 3		
<del>ANSC 250</del> <del>ANSC-280</del> , <del>ANSC-281</del>	4	<del>ANSC 150 or ANSC 250</del> <del>ANSC-160 or</del> <del>ANSC-280 or ANSC-281</del> or Natural Sciences Elective* or Quantitative Reasoning Elective*
AREC 201* or ECON 201* or ECON 207* or ECON 211*	4	2.0 GPA in ANSC courses
<sup>2</sup> STEM Elective	3	
<sup>1,5</sup> Quantitative Reasoning Electives*	3-4	
Term 5		
ANSC 330	3	<del>ANSC 150 or ANSC 250</del> <del>ANSC-160 or</del> <del>ANSC-280 or ANSC-281</del>
ANSC 380	3	BIOL 101* or BIOL 102* or BIOL 150* or BIOL 160*
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>2</sup> Minor Requirement	3	
<sup>3</sup> STEM Electives	4	
Term 8		
ANSC 495	1	No milestones
<sup>4</sup> Capstone Course	3	
<sup>5</sup> Cultures and Civilizations Elective*	3	
<sup>2</sup> Minor Requirement	3	
<sup>6</sup> Unrestricted Electives	3-5 4-6	

- <sup>3</sup> STEM elective chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, or ANSC 489, ~~or FDSC 361~~ (after major requirement and Capstone Course requirement has been met, and a maximum of ~~one of 481, 482, 483, 485, 486, or 489~~ **two Capstone Courses** may be taken to satisfy the STEM elective requirement); ANTH 110\*, ANTH 117\*; ASTR 151\*, ASTR 152\*, ASTR 153\*, ASTR 154\*, ASTR 217\*, ASTR 218\*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); CSAS (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC 241, FDSC 341, ~~FDSC 361~~, FDSC 410, FDSC 415, FDSC 418, FDSC 419, FDSC 421, FDSC 428, FDSC 429, FDSC 445; FORS 214, FORS 215, FORS 217, FORS 331, FORS 337, FORS 414; FWF 212, FWF 250\*, FWF 313, FWF 315, FWF 320, FWF 430; GEOG 131\*, GEOG 132\*, GEOG 137\*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any); MICR (any); MSE (201 and above); NE (any); NUTR 100\*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 250\*, PLSC 320, PLSC 330, PLSC 331, PLSC 410\*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385\*, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287\*, UNHO 288\*; WFS (340 and above).
- <sup>4</sup> Capstone Courses: Select two courses from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, **and** ANSC 489, ~~and FDSC 361~~. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, or ANSC 486.

*Rationale: Includes proposed course changes, restricts use of some capstone course electives as STEM electives to reduce overcrowding in those courses.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

To remain in the major, students must maintain at least a 2.0 cumulative GPA in ANSC courses by the end of semester three. Students must complete ANSC 100, **ANSC 150** ~~ANSC 160~~, and ANSC 220 with minimum grades of C, C, and C- respectively to remain in the Animal Science Major.

### Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Bioscience Concentration

Term 1	Hours	Milestone Notes
ANSC 100	<b>2 4</b>	2.0 cumulative GPA
<b>ANSC 150</b> <del>ANSC 160</del>	2	
BIOL 101* or BIOL 150*	3-4	
CHEM 120*	4	
ENGL 101* or ENGL 118*	3	
<sup>5</sup> Social Sciences Elective*	3	
Term 3		
<b>ANSC 250</b> <del>ANSC 280, ANSC 281</del>	4	<b>ANSC 150 or ANSC 250</b> <del>ANSC 160 or ANSC 280 or ANSC 281</del> or Natural Sciences Elective* or Quantitative Reasoning Elective*
ALEC 240*, ANSC 360*, CMST 210*, CMST 240*, or PHIL 244*	3	2.0 GPA in ANSC courses
<sup>5</sup> Cultures and Civilizations Elective*	3	
<sup>1,5</sup> Quantitative Reasoning Electives*	3-4	
<sup>2</sup> STEM Elective	3	
Term 5		

ANSC 330	3	ANSC 150 or ANSC 250 <del>ANSC 160 or ANSC 280 or ANSC 281</del>
ANSC 380	3	BIOL 101* or BIOL 102* or BIOL 150* or BIOL 160*
ANSC 395	1	
<sup>2</sup> STEM Electives	<del>2</del> 4	
<sup>3</sup> Business and Communications Elective	3	
<b>Term 6</b>		
ANSC 320	3	No milestones
ANSC 340	3	
<sup>3</sup> Business and Communications Elective	2	
<sup>2</sup> STEM Electives	<del>5</del> 6	
<b>Term 7</b>		
<sup>4</sup> Capstone Course	3	Apply to graduate
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>5</sup> Cultures and Civilizations Elective*	3	
<sup>2</sup> STEM Electives	<del>5</del> 6	
<b>Term 8</b>		
ANSC 495	1	No milestones
<sup>4</sup> Capstone Course	3	
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>6</sup> Unrestricted Electives	<del>5-10</del> <del>6-11</del>	

<sup>2</sup> At least ~~eight~~ ~~twelve~~ hours of STEM electives must be upper division (300-400 level) courses or EEB 240 or BCMB 230. Choose from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, or ANSC 489, ~~or FDSC 361~~ (after major requirement and Capstone Course requirement has been met, and a maximum of ~~one of 481, 482, 483, 485, 486, or 489~~ ~~two Capstone Courses~~ may be taken to satisfy the STEM elective requirement); ANTH 110\*, ANTH 117\*, ASTR 151\*, ASTR 152\*, ASTR 153\*, ASTR 154\*, BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); CSAS (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC 241, FDSC 341, ~~FDSC 361~~, FDSC 410, FDSC 415, FDSC 418, FDSC 419, FDSC 421, FDSC 428, FDSC 429, FDSC 445; FORS 214, FORS 215, FORS 217, FORS 331, FORS 337, FORS 414; FWF 212, FWF 250\*, FWF 313, FWF 315, FWF 320; GEOG 131\*, GEOG 132\*, GEOG 137\*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any) MICR (any); MSE (201 and above); NE (any); NUTR 100\*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 250\*, PLSC 320, PLSC 330, PLSC 331, PLSC 410\*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385\*, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287\*, UNHO 288\*; WFS (340 and above).

<sup>4</sup> Capstone Courses: Select two courses from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ~~or ANSC 489, or FDSC 361~~. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, or ANSC 486.

*Rationale: Includes proposed course changes, restricts use of some capstone course electives as STEM electives to reduce overcrowding in those courses. Modification of STEM hour requirement and UD STEM hour requirement will allow greater flexibility for students.*

Low-  
impact:

## REVISE REQUIREMENTS

Revise  
program**Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Five-Year BS/MS Program**

Term 1	Hours	Milestone Notes
ANSC 100	2 4	2.0 cumulative GPA
<del>ANSC 150</del> <del>ANSC 160</del>	2	
BIOL 101* or BIOL 150*	3-4	
CHEM 120*	4	
ENGL 101* or ENGL 118*	3	
<sup>5</sup> Social Sciences Elective*	3	
Term 3		
<del>ANSC 250</del> <del>ANSC 280</del> , <del>ANSC 281</del>	4	<del>ANSC 150 or ANSC 250</del> <del>ANSC 160 or</del> <del>ANSC 280 or ANSC 281</del> or Natural Sciences Elective* or Quantitative Reasoning Elective*
ALEC 240*, ANSC 360*, CMST 210* or CMST 240* or PHIL 244*	3	2.0 GPA in ANSC courses
<sup>5</sup> Cultures and Civilizations Elective*	3	
<sup>1</sup> Quantitative Reasoning Electives*	3-4	
Term 5		
ANSC 330 or ANSC 338	3	<del>ANSC 150 or ANSC 250</del> <del>ANSC 160 or</del> <del>ANSC 280 or ANSC 281</del>
ANSC 380 or ANSC 388	3	BIOL 150* or BIOL 160* or BIOL 101* or BIOL 102*
ANSC 395	1	
<sup>2</sup> STEM Electives	6 4	
<sup>3</sup> Business and Communications Elective	3	
Term 7		
<sup>4</sup> Capstone Course	3	Apply to graduate
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>2</sup> STEM Elective	3	
<sup>6</sup> Unrestricted Electives <del>ANSC 493 or</del> <del>ANSC 499</del>	3	
<sup>5</sup> Cultures and Civilizations Elective*	3	
Term 8		
<sup>4</sup> Capstone Course	3	No milestones
ANSC 495	1	
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>6</sup> Unrestricted Electives	3-8 6-11	

<sup>2</sup> Science/Technology/Engineering/Mathematics (STEM) Electives. At least 8 hours upper division (300-400 level) ~~or graduate (500-600 level)~~ courses. Chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, or ANSC 489, ~~or~~ ~~FDSC 361~~ (after major requirement and Capstone Course requirement has been met, and a maximum of ~~one of 481, 482, 483, 485, 486, or 489~~ ~~two Capstone Courses~~ may be taken to satisfy the STEM elective requirement); ANTH 110\*, ANTH 117\*; ASTR 151\*, ASTR 152\*, ASTR 153\*, ASTR 154\*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); BSET (any); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC 241, FDSC 341, ~~FDSC 361~~, FDSC 410, FDSC 415, FDSC 418, FDSC 419, FDSC 421, FDSC 428, FDSC 429, FDSC 445; FORS 214, FORS 215, FORS 217, FORS 331, FORS 337, FORS 414; FWF 212, FWF 250\*, FWF 313, FWF 315, FWF 320, FWF 430;

GEOG 131\*, GEOG 132\*, GEOG 137\*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any) MICR (any); MSE (201 and above); NE (any); NUTR 100\*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 250\*, PLSC 320, PLSC 330, PLSC 331, PLSC 410\*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 370, PSYC 385\*, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287\*, UNHO 288\*; WFS (340 and above).

- <sup>4</sup> Capstone Courses: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489, and ~~ANSC 490~~ ~~FDSC 361~~. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485 or ANSC 486.

*Rationale: Includes proposed course changes, restricts use of some capstone course electives as STEM electives to reduce overcrowding in those courses. Removing the ANSC 493 or 499 requirement allows greater flexibility for students.*

## REVISE TEXT

### Animal Science Major, BS in Animal Science – Pre-Veterinary Medicine 3+1 Concentration

Pre-Veterinary Medicine – Stage I is a two-year plan for students seeking to progress to the Pre-Veterinary Medicine-Stage II or Pre-Veterinary Medicine 3+1 concentrations. Students can apply for entry into the Pre-Veterinary Medicine-Stage II or PVM 3+1 concentration after completion of 60 total credit hours with a minimum of 15 credit hours taken at UTK. Students must have a minimum cumulative UTK GPA of 3.0. Courses listed below must be completed with a minimum grade of C (or an S for AP courses):

BIOL 101\*-BIOL 102\*-BIOL 160\* or BIOL 150\*-BIOL 159\*-BIOL 160\*; CHEM 120\*-CHEM 130\*; MATH 125 or MATH 141 or MATH 151; ANSC 220.

If a student does not meet the above criteria after completion of 60 total credit hours with a minimum of 15 credit hours taken at UTK, ~~the student cannot progress into STAGE II or 3+1 and must meet with their advisor to discuss changing concentrations or majors. A student may only apply once to progress to STAGE II or 3+1~~ ~~the student must meet with their advisor to discuss potential career paths and to consider alternative concentrations or majors.~~ Students must complete ANSC 100, ~~ANSC 150~~ ~~ANSC 160~~, and ANSC 220 with minimum grades of C, C, and C- respectively to remain in the Animal Science Major.

To remain in the Animal Science Pre-veterinary medicine 3+1 concentration, students must maintain a 3.0 cumulative GPA. ~~Students must complete ANSC 100, ANSC 160, and ANSC 220 with minimum grades of C, C, and C- respectively to remain in the Animal Science Major.~~

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Pre-Veterinary Medicine 3+1 Concentration

Term 1 (Pre-Veterinary Medicine Stage I)	Hours	Milestone Notes
ANSC 100	<del>2</del> 4	3.0 cumulative GPA
<del>ANSC 150</del> <del>ANSC 160</del>	2	3.0 GPA in ANSC courses, BIOL 101*-BIOL 102*-BIOL 160* or BIOL 150*-BIOL 159*-BIOL 160*, and CHEM 120*-CHEM 128*-CHEM 130*
BIOL 101* or BIOL 150*	3	
CHEM 120*	4	
ENGL 101* or ENGL 118*	3	
<sup>1,3</sup> Quantitative Reasoning Electives*	3-4	

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program

Term 3 (Pre-Veterinary Medicine Stage I)		
ANSC 250 <del>ANSC 280, ANSC 281</del>	4	ANSC 150 or ANSC 250 <del>ANSC 160 or ANSC 280 or ANSC 281</del> or Natural Sciences Elective* or Quantitative Reasoning Elective *
<sup>2</sup> Biological Science Directed Electives	4	
CHEM 260	3	
CHEM 269	1	
PHYS 221*	4	
<sup>3</sup> Social Sciences Elective*	3	
Term 5 (Pre-Veterinary Medicine 3+1)		
ANSC 330	3	ANSC 150 or ANSC 250 <del>ANSC 160 or ANSC 280 or ANSC 281</del>
ANSC 380	3	BIOL 101* or BIOL 102* or BIOL 150* or BIOL 160*
ANSC 395	1	Grade of C or better in the following: ANSC 220, BIOL 101*-BIOL 102* or BIOL 150*-BIOL 159*-BIOL 160*, CHEM 120*-CHEM 130* and MATH 125*
AREC 201* or ECON 201* or ECON 207*	4	
<sup>3</sup> Arts and Humanities Elective*	3	
<sup>3</sup> Cultures and Civilizations Elective*	3	

<sup>2</sup> Biological Science Directed Elective: Any BIOL, BCMB, EEB, or MICR course ~~not already used to fulfill other requirements numbered 200 or higher.~~

*Rationale: Includes proposed course changes. More clearly describes the requirements for progressing to 3+1 from Stage I and the ramifications of not meeting requirements for progression.*

### REVISE TEXT

Pre-Veterinary Medicine – Stage I is a two-year plan for students seeking to progress to the Pre-Veterinary Medicine-Phase II or Pre-Veterinary Medicine 3+1 concentrations. Students ~~must~~ ~~can~~ apply for entry into the Pre-Veterinary Medicine-Stage II or PVM 3+1 concentration after completion of 60 total credit hours with a minimum of 15 credit hours taken at UTK. Students must have a minimum cumulative UTK GPA of 3.0. Courses listed below must be completed with a minimum grade of C (or an S for AP courses):

BIOL 101\*-BIOL 102\*-BIOL 160\* or BIOL 150\*-BIOL 159\*-BIOL 160\*; CHEM 120\*-CHEM 128\*-CHEM 130\*; MATH 125 or MATH 141 or MATH 151; ANSC 220.

If a student does not meet the above criteria after completion of 60 total credit hours with a minimum of 15 credit hours taken at UTK, ~~the student cannot progress into STAGE II or 3+1 and must meet with their advisor to discuss changing concentrations or majors. A student may only apply once to progress to STAGE II or 3+1~~ ~~the student must meet with their advisor to discuss potential career paths and to consider alternative concentrations or majors.~~ Students must complete ANSC 100, ~~ANSC 150 ANSC 160~~, and ANSC 220 with minimum grades of C, C, and C- respectively to remain in the Animal Science Major.

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Pre-Veterinary Medicine Concentration

Term 1 (Stage I)	Hours	Milestone Notes
ANSC 100	<del>2</del> 4	3.0 cumulative GPA

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impact:  
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program

<del>ANSC 150</del> <del>ANSC-160</del>	2	3.0 GPA in ANSC courses, BIOL 101*-BIOL 102*-BIOL 160* or BIOL 150*-BIOL 159*-BIOL 160*, and CHEM 120*-CHEM 130*
BIOL 101* or BIOL 150*	3-4	
CHEM 120*	4	
ENGL 101* or ENGL 118*	3	
<sup>5</sup> Social Sciences Elective*	3	
<b>Term 3 (Stage I)</b>		
<del>ANSC 250</del> <del>ANSC-280, ANSC-281</del>	4	<del>ANSC 150 or ANSC 250</del> <del>ANSC-160 or ANSC-280 or ANSC-281</del> or Natural Sciences Elective* or Quantitative Reasoning Elective*
CHEM 260	3	
CHEM 269	1	
ALEC 240*, ANSC 360*, CMST 210*, CMST 240* or PHIL 244*	3	
<sup>5</sup> Cultures and Civilizations Elective*	3	
<sup>1,5</sup> Quantitative Reasoning Electives*	3-4	
<b>Term 4 (Stage I)</b>		
ANSC 220	3	Two additional General Education electives*
AREC 201* or ECON 201* or ECON 207*	4	
CHEM 360	3	
CHEM 359	1	
<del>CHEM-369</del>	<del>2</del>	
<sup>5</sup> Cultures and Civilizations Elective*	3	
<b>Term 5 (Stage II)</b>		
ANSC 330	3	<del>ANSC 150 or ANSC 250</del> <del>ANSC-160 or ANSC-280 or ANSC-281</del>
ANSC 380	3	Grade of C or better in the following: ANSC 220, BIOL 101*-BIOL 102*-BIOL 160* or BIOL 150*-BIOL 159*-BIOL 160*, CHEM 120*-CHEM 130*, and MATH 125*
ANSC 395	1	
PHYS 221*	4	
<sup>2</sup> STEM Elective	3	
<b>Term 8 (Stage II)</b>		
<sup>4</sup> Capstone Course	3	No milestones
<sup>5</sup> Arts and Humanities Elective*	3	
<sup>2</sup> STEM Elective	3	
<sup>6</sup> Unrestricted Electives	<del>0-7</del> <del>0-5</del>	

<sup>2</sup> At least four hours of STEM electives must be from BIOL, EEB, BCMB, or MICRO. Other STEM electives chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, , or ANSC 489, ~~or FDSC 361~~ (after major requirement and Capstone Course requirement has been met, and a maximum of ~~one of 481, 482, 483, 485, 486, or 489~~ ~~two Capstone Courses~~ may be taken to satisfy the STEM elective requirement); ANTH 110\*, ANTH 117\*; ASTR 151\*, ASTR 152\*, ASTR 153\*, ASTR 154\*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); CSAS (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC 241, FDSC 341, ~~FDSC~~



~~361~~, FDSC 410, FDSC 415, FDSC 418, FDSC 419, FDSC 421, FDSC 428, FDSC 429, FDSC 445; FORS 214, FORS 215, FORS 217, FORS 331, FORS 337, FORS 414; FWF 212, FWF 250\*, FWF 313, FWF 315, FWF 320, FWF 430; GEOG 131\*, GEOG 132\*, GEOG 137\*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any); MICR (any); MSE (201 and above); NE (any); NUTR 100\*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 250\*, PLSC 320, PLSC 330, PLSC 331, PLSC 410\*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385\*, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287\*, UNHO 288\*; WFS (340 and above).

- <sup>4</sup> Capstone Courses: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489, and ~~ANSC 490~~ ~~FDSC 361~~. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485 or ANSC 486.

*Rationale: Includes proposed course changes. More clearly describes the requirements for progressing to 3+1 from Stage I and the ramifications of not meeting requirements for progression.*

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program

## REVISE REQUIREMENTS

### Animal Science Minor

#### Minor Requirements

The minor consists of ~~21~~ ~~20~~ hours. The core courses give the student a broad background in physiology, nutrition, and management. Careful selection of the directed electives allows the student to emphasize physiological reproduction, nutrition, or management. Prerequisites for ANSC 220 include Biology (BIOL 101\*-BIOL 102\* or BIOL 150\*-BIOL 159\*) and for ANSC 330 a minimum of 8 hours of Chemistry (CHEM 100\*-CHEM 110\* or CHEM 120\*-CHEM 130\*).

#### Complete:

- ~~ANSC 150 – Global Animal Agriculture Systems and Society~~
- ~~ANSC 160 – Introduction to Animal Science~~
- ~~ANSC 250 – Introduction to Animal Handling and Management~~
- ~~ANSC 280 – Livestock Management and Well-being~~

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE (BSE) Biosystems Engineering

Low-  
impact:  
Revise  
Program

## REVISE TEXT

(beginning with paragraph 6)

The Biosystems Engineering Program has ~~ABET Program Educational Objectives~~ ~~Program Educational Objectives (PEOs)~~ that align with the objectives of the University of Tennessee Institute of Agriculture. ~~Graduates~~ ~~Recent graduates~~ are prepared ~~by the program~~ to:

- ~~Successfully apply engineering principles to complex biological systems, with principles grounded in improving ecological systems and water quality, sustainable food and fiber production and processing, renewable energy production and implementation, efficient mechanical designs and automation, innovative instrumentation and sensors, or related fields, Be successful in securing employment in the profession or a position in graduate or professional school,~~
- Continue developing as professionals ~~and leaders in society, through professional involvement and/or post-graduate education,~~ and

- Incorporate a wide range of social and cultural issues and corresponding solutions into engineering and professional activities. ~~Demonstrate success in their chosen career paths.~~

### Student Outcomes

To achieve the program educational objectives listed above, a series of student outcomes have been adopted. These student outcomes provide specific measures to determine the degree of success in meeting each of the educational objectives. ~~In order to be considered successful, at the time of graduation our students should demonstrate the following abilities: These outcomes are as follows.~~

- an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
- ~~An ability to apply knowledge of mathematics, science, and engineering.~~
- ~~An ability to design and conduct experiments, as well as to analyze and interpret data.~~
- ~~An ability to design a system, component, or process to meet desired needs.~~
- ~~An ability to function on multi-disciplinary teams.~~
- ~~An ability to identify, formulate, and solve engineering problems.~~
- ~~An understanding of professional and ethical responsibility.~~
- ~~An ability to communicate effectively.~~
- ~~The broad education necessary to understand the impact of engineering solutions in a global and societal context.~~
- ~~A recognition of the need for and an ability to engage in life-long learning.~~
- ~~A knowledge of contemporary issues.~~
- ~~An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.~~
- ~~An understanding of the complexity of biological systems and the ability to apply engineering principles to those systems.~~

*Rationale: Reflect changes to Objectives recommended by BSE Program Advisory Council, and to Outcomes mandated by ABET. Impact on other units: None. Response to assessment: none. Financial impact: none.*

### REQUIREMENTS

#### Requirements for the Bachelor of Science in Biosystems Engineering – Biosystems Engineering Major

Term 6

BSE 411 or BSE 417, <del>BSE 416 or BSE 418</del> or CE 495 or CE 498, BSE 431 or BSE 437, BSE 451 or BSE 457	13	No milestones
<sup>2</sup> Technical Elective	3	

<sup>2</sup> Technical electives are generally upper-division courses with substantial rigor in science, technology, engineering, or math. The following courses are pre-approved, but other courses suggested by a student may be approved by the advisor on a case-by-case basis. Note that some of these courses have required prerequisites and see individual course descriptions for specific information. BSE 525, BSE 543; ~~CBE 481~~, CSAS 345, CSAS 355, CSAS 414, ~~CSAS 424~~, CSAS 432, CSAS 434, CSAS 452, CSAS 462, CSAS 474; CE 381, CE 430, CE 485; CHEM 260, CHEM 360; ENVE 511, ENVE 512, ENVE 513, ENVE 515, ENVE 516, ~~ENVE 520~~, ENVE 525, ENVE 526, ENVE 527, ENVE 530, ENVE 532, ~~ENVE 533~~, ~~ENVE 535~~, ~~ENVE 544~~, ~~ENVE 558~~, ~~ENVE 561~~, ENVE 574; ESS 334, ESS 434, ESS 442, ESS 444, ESS 454; GEOG 411; GEOL 485; IE 304; MATH 300, MATH 403, MATH 411, MATH 431; ME 363, ME 366, ME 391, ME 405, ME 451, ME 466.

### Biosystems Engineering – Honors Concentration

In addition to satisfying the requirements for the biosystems engineering major, candidates for the honors biosystems engineering concentration must also complete the following requirements:

- maintain an overall cumulative GPA of at least 3.4.
- four 100- or 200-level honors courses (14 hours minimum, at least two courses must be from engineering fundamentals, physics, mathematics, chemistry, or biology).
- complete at least two of BSE 417, ~~BSE 418~~, BSE 437, or BSE 457.
- satisfy the Breadth Requirements for the Cook Grand Challenge Honors Program.

*Rationale: Reflect changes in availability of appropriate courses. Impact on other units: Minimal, since student numbers will be so small. Response to assessment: none. Financial impact: none.*

### REVISE TEXT

(beginning with paragraph 6)

The Biosystems Engineering Program has ~~ABET Program Educational Objectives~~ ~~Program Educational Objectives (PEOs)~~ that align with the objectives of the University of Tennessee Institute of Agriculture. ~~Graduates~~ ~~Recent graduates~~ are prepared ~~by the program~~ to:

- ~~Successfully apply engineering principles to complex biological systems, with principles grounded in improving ecological systems and water quality, sustainable food and fiber production and processing, renewable energy production and implementation, efficient mechanical designs and automation, innovative instrumentation and sensors, or related fields.~~ ~~Be successful in securing employment in the profession or a position in graduate or professional school,~~
- Continue developing as professionals ~~and leaders in society, through professional involvement and/or post-graduate education,~~ and
- ~~Incorporate a wide range of social and cultural issues and corresponding solutions into engineering and professional activities~~ ~~Demonstrate success in their chosen career paths.~~

### Student Outcomes

To achieve the program educational objectives listed above, a series of student outcomes have been adopted. These student outcomes provide specific measures to determine the degree of success in meeting each of the educational objectives. ~~In order to be considered successful, at~~

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Revise  
Program

the time of graduation our students should demonstrate the following abilities: ~~These outcomes are as follows:~~

- an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- an ability to communicate effectively with a range of audiences
- an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- an ability to acquire and apply new knowledge as needed, using appropriate learning strategies
- ~~An ability to apply knowledge of mathematics, science, and engineering.~~
- ~~An ability to design and conduct experiments, as well as to analyze and interpret data.~~
- ~~An ability to design a system, component, or process to meet desired needs.~~
- ~~An ability to function on multi-disciplinary teams.~~
- ~~An ability to identify, formulate, and solve engineering problems.~~
- ~~An understanding of professional and ethical responsibility.~~
- ~~An ability to communicate effectively.~~
- ~~The broad education necessary to understand the impact of engineering solutions in a global and societal context.~~
- ~~A recognition of the need for and an ability to engage in life-long learning.~~
- ~~A knowledge of contemporary issues.~~
- ~~An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.~~
- ~~An understanding of the complexity of biological systems and the ability to apply engineering principles to those systems.~~

*Rationale: Reflect changes to Objectives recommended by BSE Program Advisory Council, and to Outcomes mandated by ABET. Impact on other units: None. Response to assessment: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Biosystems Engineering - Biosystems Engineering Major - Pre-Professional Concentration

Term 4		
BIOL 160* or BIOL 168*	3	EF 152* or EF 158* or PHYS 136*
BSE 321	3	
CHEM 260 or CHEM 268, <b>CHEM 269</b>	<b>4</b> <del>3</del>	
MATH 231	3	
ME 321	3	
Term 6		
BSE 411 or BSE 417, BSE 431 or BSE 437, BSE 451 or BSE 457	10	No milestones
CHEM 360 or CHEM 368, <b>CHEM 359</b>	<b>4</b> <del>3</del>	
<del>CHEM 369</del>	<del>2</del>	

**Honors Concentration – Biosystems Engineering Pre-Professional**

In addition to satisfying the requirements for the mechanical biosystems major pre-professional concentration, candidates for the honors biosystems engineering pre-professional concentration must also complete the following requirements:

- maintain an overall cumulative GPA of at least 3.4.
- complete the first-year honors courses as described in the *Undergraduate Catalog* Tickle College of Engineering description.
- complete at least two of BSE 417, **BSE 418**, BSE 437, or BSE 457.
- satisfy the Breadth Requirements for the Cook Grand Challenge Honors Program.

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

**(CSAS) Construction Science and Agricultural Systems****Student Learning Outcomes**

1. *Students will demonstrate the ability to use available technologies, skills, and engineering tools including knowledge of mathematics, management, science, and applied engineering and physics to solve construction/agricultural related problems;*
2. *Students will demonstrate an understanding of professional and ethical responsibility, and identify and critically analyze the environmental, social, and economic dimensions of sustainability;*
3. *Students will demonstrate effective levels of communication through written and oral skills; these skills will be incorporated into specific technical courses within the major, providing continuous communication evaluation and improvement.*

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**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Construction Science and Agricultural Systems – Construction Science and Agricultural Systems Major – Agricultural Systems Technology Concentration**

Term 2		
BIOL 114* <del>and BIOL 115*</del>	<b>3 5</b>	MATH 130 or higher
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
MATH 152*	3	
<sup>1</sup> Social Sciences Elective*	3	

<sup>2</sup>Note that some electives have required prerequisites. See individual course descriptions for specific information. ALEC 450; AREC 342; CSAS 202, CSAS 452; EPP 410, EPP 425; **ESS 424**, ESS 442, ESS 444, **ESS 454**, ESS 462; IE 304, IE 423; MARK 300; MGT 201; PLSC 240, PLSC 410\*, PLSC 430, PLSC 434, PLSC 435

*Rationale: BIOL115 was in the Showcase twice, and Increase Technical elective list to include commonly-taken classes. Impact on other units: None. Response to assessment: none. Financial impact: none.*

Low-  
impact:  
Revise  
Program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Construction Science and Agricultural Systems – Construction Science and Agricultural Systems Major - Construction Science Concentration**

Term 1	Hours	Milestone Notes
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CSAS 125	3	MATH 130 or higher, <del>or</del> one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
GEOL 101* or GEOL 107*	4	
<sup>1</sup> Cultures and Civilizations elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 141* <del>or MATH 151*</del>	<del>4</del> 3-4	
<b>Term 2</b>		
PHIL 244* <del>ARCH 111*</del>	3	MATH 130 or higher
ENGL 102*	3	
CHEM 120* or CHEM 128*	4	
<del>MATH 142* or MATH 152*</del>	<del>3-4</del>	
CSAS 211	3	
<b>Term 3</b>		
<sup>2</sup> ECON 201* or ECON 207*	4	CHEM 120* or CHEM 128*, <del>or</del> MATH 141* <del>or MATH 151*</del>
CSAS 222, CSAS 224	<del>5</del> 6	
STAT 201* or STAT 207*	3	
PHYS 221* <del>or EF 151*</del>	4	
<b>Term 4</b>		
<del>CSAS 215</del> , CSAS 225, CSAS 270	<del>10</del> 7	CHEM 120* or CHEM 128* <del>or MATH 142* or MATH 151*</del>
<sup>3</sup> ACCT 200 or ACCT 207	3	
ESS 210	4	
<b>Term 5</b>		
CSAS 325, CSAS 335, <del>CSAS 414</del>	<del>6</del> 9	No milestones
ENGL 295* or ENGL 360*	3	
<sup>1</sup> Social Sciences Elective	3	
<sup>3</sup> MGT 201	3	
<b>Term 6</b>		
<del>CSAS 272</del> , CSAS 345, CSAS 425	<del>9</del> 6	No milestones
CMST 210* or CMST 217* or CMST 240* or CMST 247*	3	
<sup>2</sup> Business elective	3	
<del><sup>4</sup>Social Sciences elective*</del>	<del>3</del>	

<sup>2</sup> Select from the following list: ~~AREC 212~~, AREC 270, FINC 300, MGT 300, MARK 300. **NOTE:** ECON 201, ACCT 200, MGT 201, FINC 300, MGT 300, and MARK 300 are required if seeking the Minor in Business Administration.

**Rationale:**

- reflect new classes and credit hours
- modify Milestones to better reflect intent and changes in required classes
- changes to Math alternatives that better fit technical requirements
- reflect that a significant number of students are transfers from Engineering
- GenEd A&H elective was changed to add Ethics to the curriculum
- change in Business Elective list to add clarity

**Impact on other units:** Minimal, generally removing students from external classes. **Response to assessment:** none. **Financial impact:** none

**(ESS) Environmental and Soil Sciences**

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Environmental and Soil Sciences Major, BS in Environmental and Soil Sciences – Conservation Agriculture and Environmental Sustainability Concentration

<b>Term 4</b>		
<sup>3</sup> Unrestricted Elective	2	CHEM 100*
<del>ANSC 150</del> <del>ANSC 160</del>	<del>2</del> <del>3</del>	
ESS 210	4	
PLSC 275	3	
EEB 304 or EEB 330 or PLSC 250*	3	
<b>Term 8</b>		
AREC 332 or AREC 350 or AREC 470	3	No milestones
CSAS 432 or CSAS 434 or CSAS 452 or CSAS 462 or CSAS 474 or ESS 326	3	
ESS 454	3	
EPP 410 or EPP 411	3	
ESS 492 or ESS 499	<del>2</del> <del>4</del>	
PLSC 415 or PLSC 434 or PLSC 435 or PLSC 457	3	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Entomology and Plant Pathology Minor

#### Program Description

The undergraduate minor in Entomology and Plant Pathology is designed to provide students insight into the crucial role that insects and plant pathogens have in human affairs and the environment. It is available as an elective to all UTK students who are enrolled in bachelor's degree programs. Students who have an interest in entomology, plant pathology, and/or are majoring in fields associated with natural resource management, animal sciences, veterinary medicine, public health, anthropology/forensic science, food and fiber production, agriscience education, biodiversity, and ecology should consider enrolling. Successful completion of this minor area of student will help prepare students for graduate studies in Entomology and Plant Pathology and related fields, or careers in agriscience, environmental science, or biology, such as secondary education, pest control, industry, and Extension.

#### Requirements

Requirements for a Minor in Entomology and Plant Pathology are completion with a grade of C or better in at least 15 credit hours of approved coursework (see below) in addition to the requirements of the student's major degree program. Students intending to minor in Entomology and Plant Pathology are urged to contact the EPP undergraduate coordinator/advisor as early in their program as possible and complete the required form (obtainable from the advisor). Appropriate course substitutions within the minor may be considered with approval from the minor advisor. Seniors may, with the permission of the instructor, undergraduate coordinator, and graduate school dean, register for graduate courses in Entomology and Plant Pathology to receive credits. In cases where these approvals are given but enrollment is nonetheless blocked, students may enroll in EPP 493 to participate in and earn undergraduate credits for the course. Successful completion of the minor will be certified by a degree audit by the Registrar's Office.



during the semester of the student's graduation. The minor will be recognized after graduation on the transcript, but not on the diploma.

#### Minor Requirements

Complete 15 or more credits from the following. At least 8 hours must be at the 300 and/or 400 level. ~~The minor consists of 15 credit hours.~~

#### Select 15 Hours:

- EPP 123 - Chocolate: Bean to Bar\*
- EPP 493 Independent Study in Entomology or Plant Pathology (1-4 hours)

*Rationale: Add clarifying text and reflect course changes. Impact on other units: None. Financial impact: None.*

### DEPARTMENT OF FOOD SCIENCE

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#### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Food Science – Food Science Major – Science Concentration

Term 1	Hours	Milestone Notes
BIOL 159 and BIOL 160 or BIOL 168 <del><sup>1</sup>Biological Sciences Electives*</del>	<del>5</del> 4-5	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDSC 100	3	
<del><sup>1,2</sup></del> MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3-4	
<del><sup>3</sup>Unrestricted Elective</del>	<del>4</del>	
Term 2		
<del><sup>4</sup></del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
<del><sup>4</sup></del> FDSC 150* or other Cultures and Civilizations Elective*	3	
NUTR 100*	3	
Term 3		
<del><sup>4</sup></del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	<del>CHEM 100*</del> or CHEM 120*
FDSC 241	3	One Quantitative Reasoning Elective*
MATH 115*, MATH 142*, MATH 152*, STAT 201*, or STAT 207*	3-4	
MICR 210* <del>or BIOL 220 and BIOL 229</del>	<del>3</del> 3-4	
Term 4		
<del><sup>4</sup></del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA

CHEM 260, <del>CHEM 269</del>	3 -4	FDSC 100, FDSC 241
<sup>4</sup> Communicating Orally Elective*	3	
FDSC 201	1	
PHYS 221*	4	
<sup>2</sup> Herbert College of Agriculture Elective <sup>3</sup> Unrestricted Elective	3 4	
<b>Term 5</b>		
<sup>4</sup> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
<sup>3</sup> Unrestricted STEM Elective <del>CHEM 359, CHEM 360</del>	3 -4	CHEM 130*
FDSC 390	3	Two Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Electives
<del>NUTR 311 or BCMB 230 FDSC 361 or FDSC 362</del>	4-5 3	
FDSC 341	3	
<b>Term 6</b>		
<sup>4</sup> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	No milestones
<del>FDSC 442 BCMB 230 or BCMB 311 or BCMB 401 or NUTR 311</del>	3 3-5	
<sup>4</sup> Communicating through Writing Elective*	3	
FDSC 410 or FDSC 418; and FDSC 419	4	
<b>Term 7</b>		
FDSC 415	4	Apply to graduate
FDSC 421 or FDSC 428; and FDSC 429	5	
<sup>3</sup> Unrestricted Elective	4 5	
<b>Term 8</b>		
FDSC 430	3	
FDSC 445, FDSC 493, FDSC 495	9	No milestones
FDSC 490	3	
<b>TOTAL</b>	<b>120-123</b> <b>120-124</b>	

<sup>1</sup> Mathematics placement depends on high school courses and grades and ACT scores. Chosen from BIOL 101\*, BIOL 102\*, BIOL 150\*, BIOL 159\* or BIOL 158\*, BIOL 167\*.

<sup>2</sup> Chosen from: AGNR 180\*, AGNR 480, ALEC 102, ALEC 202, ALEC 240\*, ALEC 211, ALEC 303, ALEC 340, ALEC 440\*, ALEC 441, AREC 201\*, AREC 212, ESS 110\*, ESS 120\*, ESS 220\*, ESS 326, ESS 434, ESS 462, FORS 100, FORS 321\*, FORS 335, FORS 345, FORS 420, FWF 250\*, FWF 320, FWF 324, FWF 420, PLSC 115\*, PLSC 210, PLSC 226, PLSC 230, PLSC 233, PLSC 250\*, PLSC 275, PLSC 280. Mathematics placement depends on high school courses and grades and ACT scores.

<sup>3</sup> Upper division (300-400 level) courses are recommended. Choose from: ASTR 151, ASTR 152; BCMB (any); BIOL (any after major requirements are met); CFS 210, 211, 213, 240; CHEM (any after major requirements are met); COSC (any); CSAS (any); ECE (any); EEB (any); EF (any); GEOG 131, GEOG 132, GEOG 137; GEOL (any); IE (any); KNS (any above 100 level); MATH (any above 125 after Quantitative Reasoning requirements are met); ME (any); MICR (any except MICR 210); MSE (201 and above); NE (any); NUTR (any except NUTR 100, NUTR 311); PHYS (any except PHYS 221); PSYC 301, PSYC 370, PSYC

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385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 315, PUBH 401, PUBH 420; STAT (any except STAT 201); UNHO 287, UNHO 288. ~~Any courses not already required for the major.~~

- ~~4 Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210\*, CMST 217\*, CMST 240\*, or CMST 247\* recommended), one Communicating through Writing course, and two courses from each of the following categories — Arts and Humanities, Social Sciences, and Cultures and Civilizations.~~

*Rationale: To clarify and to reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Food Science – Food Science Major – Five-Year BS/MS Program

Term 1	Hours	Milestone Notes
BIOL 159 and BIOL 160 or BIOL 168 <del><sup>1</sup>Biological Sciences Electives*</del>	<del>5</del> 4	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDSC 100	3	
<del>1-2</del> MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3	
<del>4</del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	
<b>Term 2</b>		
<del>4</del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	One Arts and Humanities* or Cultures and Civilizations*, or Social Sciences* Elective
<del>4</del> FDSC 150* or other Cultures and Civilizations Elective*	3	
NUTR 100	3	
<b>Term 3</b>		
<del>4</del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	<del>CHEM 100*</del> or CHEM 120*
FDSC 241	3	One Quantitative Reasoning Elective*
MATH 115*, MATH 152*, STAT 201*, or STAT 207*	3	
MICR 210*	3	
<b>Term 4</b>		
<del>4</del> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 260, <del>CHEM 269</del>	<del>3</del> 4	FDSC 100 or FDSC 241
<del>4</del> Communicating Orally Elective*	3	
FDSC 201	1	

PHYS 221*	4	
<sup>4</sup> Written Communication Elective*	3	
<b>Term 5</b>		
<sup>4</sup> Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
<sup>2</sup> Herbert College of Agriculture Elective <del>CHEM 359, CHEM 360-</del>	<del>3</del> -4	CHEM 130*
FDSC 390	3	Two Arts and Humanities* or Cultures and Civilizations*, or Social Sciences* Electives
<del>FDSC 442 FDSC 361 or FDSC 362-</del>	3	
FDSC 341	3	
<b>Term 6</b>		
Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	
FDSC 493 or 499	3	Apply for conditional admission to graduate program after completion of at least 90 credit hours with maximum of 3 hours of FDSC 493 and FDSC 499 combined.
<del>NUTR 311 or BCMB 230 BCMB 230 or BCMB 311 or BCMB 401-</del>	4-5	Start working on research project
FDSC 430	3	
FDSC 410 or FDSC 418 (Both BS/MS credit); and FDSC 419	4	
<b>Term 7</b>		
FDSC 415	4	Apply to graduate
FDSC 421 or FDSC 428 and FDSC 429 (Both BS/MS credit)	5	
<sup>3</sup> Unrestricted STEM Elective <del><sup>3</sup>Unrestricted Elective</del>	4	
<b>Term 8</b>		
FDSC 445	3	Establish graduate advisory committee before completing BS degree
FDSC 495	3	
<del><sup>4</sup>3</del> Unrestricted Electives	3-4	
MS PLSC 525 - Research Ethics for the Life Sciences	1	
<b>TOTAL</b>	<b>120</b>	

<sup>1</sup> Mathematics placement depends on high school courses and grades and ACT scores. Chosen from: BIOL 101\*, BIOL 102\*, BIOL 150\* BIOL 159\* or BIOL 158\* BIOL 167\*.

<sup>2</sup> Chosen from: AGNR 180\*, AGNR 480, ALEC 102, ALEC 202, ALEC 240\*, ALEC 211, ALEC 303, ALEC 340, ALEC 440\*, ALEC 441, AREC 201\*, AREC 212, ESS 110\*, ESS 120\*, ESS 220\*, ESS 326, ESS 434, ESS 462, FORS 100, FORS 321\*, FORS 335, FORS 345, FORS 420, FWF 250\*, FWF 320, FWF 324, FWF 420, PLSC 115\*, PLSC 210, PLSC 226, PLSC 230, PLSC 233, PLSC 250\*, PLSC 275, PLSC 280. ~~Mathematics placement depends on high school courses and grades and ACT scores.~~

<sup>3</sup> Upper division (300-400 level) courses are recommended. Choose from: ASTR 151, ASTR 152; BCMB (any); BIOL (any after major requirements are met); CFS 210, 211, 213, 240; CHEM (any after major requirements are met); COSC (any); CSAS (any); ECE (any); EEB (any); EF (any); GEOG 131, GEOG 132,

GEOG 137; GEOL (any); IE (any); KNS (any above 100 level); MATH (any above 125 after Quantitative Reasoning requirements are met); ME (any); MICR (any except MICR 210); MSE (201 and above); NE (any); NUTR (any except NUTR 100, NUTR 311); PHYS (any except PHYS 221); PSYC 301, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 315, PUBH 401, PUBH 420; STAT (any except STAT 201); UNHO 287, UNHO 288. ~~Any courses not already required for the major.~~

- <sup>4</sup> ~~Any courses not already required for the major. Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210\*, CMST 217\*, CMST 240\*, or CMST 247\* recommended), one Communicating through Writing course, and two courses from each of the following categories — Arts and Humanities, Social Sciences, and Cultures and Civilizations.~~

*Rationale: To clarify and reflect course changes. Impact on other units: None. Financial impact: None.*

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### REVISE REQUIREMENTS

#### Food Science Major, BS in Food Science – Pre-Professional 3+1 Concentration (footnote 3)

- <sup>3</sup> Chosen from courses that meet pre-professional requirements for UT-Memphis or UT-Vet School. These may include BCMB 230, BCMB 401, BCMB 402; BIOL 240; CLAS 273; EEB 240; PHYS 221\* and PHYS 222\* should be taken for pre-professional programs that require one or both courses. Other courses that may also be selected include FDSC 150\*, ~~FDSC 269~~, FDSC 341, ~~FDSC 361, FDSC 362~~, FDSC 390, FDSC 415, FDSC 430, FDSC 442, FDSC 445, FDSC 495 or FDSC 493 (maximum of 3 hours).

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

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impact:  
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program

### REVISE REQUIREMENTS

#### Food Science Major, BS in Food Science – Pre-Professional Concentration (footnotes 4 and 5)

- <sup>4</sup> Chosen from courses that meet pre-professional requirements for UT-Memphis or UT-Vet School. These may include BCMB 230, BCMB 401, BCMB 402; BIOL 240; CLAS 273; EEB 240; PHYS 221\* and PHYS 222\* should be taken for pre-professional programs that require one or both courses. Other courses that may also be selected include FDSC 150\*, ~~FDSC 269~~, FDSC 341, ~~FDSC 361, FDSC 362~~, FDSC 390, FDSC 415, FDSC 430, FDSC 442, FDSC 445, FDSC 493 or FDSC 495 (maximum of 3 hours).
- <sup>5</sup> Chosen from FDSC 150\*, ~~FDSC 269~~, FDSC 341, ~~FDSC 361, FDSC 362~~, FDSC 390, FDSC 415, FDSC 430, FDSC 442, FDSC 445, FDSC 493 or FDSC 495 (maximum of 3 hours).

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES (FORS) Forestry

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### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Forestry – Forestry Major – Restoration and Conservation Science Concentration

Term 5		
EPP 411	3	2.5 cumulative GPA

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EEB 330 or FWF 325S	3	2.5 major GPA
GEOL 454	3	
FWF 315	3	
FWF 320 or SOCI 360 or SOCI 465 <del>or FWF 420 or FWF 427</del>	3	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Forestry – Forestry Major – Urban Forestry Concentration

Term 5		
<sup>1</sup> Cultures and Civilizations Elective*	3	2.5 cumulative GPA
EPP 411	3	2.5 major GPA
FORS 321* or FORS 327*	3	
FWF 315 <del>and FWF 320 or FWF 420 or SOCI 360 or SOCI 465</del>	<del>3</del> 6	
<del>FWF 320 or FWF 420 or FWF 427 or SOCI 360 or SOCI 465</del>	<del>3</del>	
Term 8		
<sup>3</sup> Communications Elective	3	No milestones
PHIL 101* or PHIL 244* or PHIL 252*	3	
FORS 422	3	
FWF 416	3	
<sup>4</sup> Unrestricted Elective	<del>2-4</del> 3-4	

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Forestry – Forestry Major – Wildland Recreation Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	2.5 cumulative GPA
BIOL 101* or BIOL 113*/BIOL 115* or BIOL 150*/BIOL 159* or BIOL 158*/BIOL 167*	4-5	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
<sup>2</sup> Unrestricted Elective ( <del>AGNR 291/AGNR 292</del> or GEOL 203* recommended)	2-3	
Term 4		
AREC 201* or ECON 201* or ECON 207* or ECON 211* or ECON 213* <del>or AREC 270*</del>	3-4	2.5 cumulative GPA
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	2.5 major GPA
<sup>4</sup> Communications Elective	3	ENGL 101* or ENGL 118*; ENGL 102*; MATH 125*; CHEM 100* or CHEM 120*; BIOL 101*/BIOL 102* or BIOL 113*/BIOL

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		114*/BIOL 115* or BIOL 150*/BIOL 160*; MATH 115* or STAT 201* or STAT 207*; BIOL 260 or FORS 215
FORS 215	3	
MATH 115* or STAT 201* or STAT 207*	3	
<b>Term 5</b>		
FORS 321* or FORS 327*	3	2.5 cumulative GPA
FWF 315 <del>and FWF 320</del>	<del>3</del> 6	2.5 major GPA
<del>FWF 320 or SOCI 360 or SOCI 465 or</del> <del>FWF 420 or FWF 427</del>	<del>3</del>	
<sup>5</sup> GIS Electives	3-4	
<sup>6</sup> Plant Sciences Elective	3	
<b>Term 7</b>		
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	Apply to graduate
FORS 495	6	
<sup>2</sup> Unrestricted Elective	3	
WFS 443, WFS 444, WFS 445, WFS 450, WFS 452 <del>or WFS 434</del>	3	
<sup>5</sup> GIS elective chosen from <del>AGNR 291 and AGNR 292</del> ; ESS 326; FWF 430; GEOG 311, <del>GEOG 411</del> , GEOG 413, or a related Geographic Information Systems (GIS) course.		
<sup>8</sup> Sociology elective chosen from GEOG 320, GEOG 345; PHIL 346; SOCI 345, <del>SOCI 360</del> , <del>SOCI 370</del> , <del>SOCI 465</del> .		
<sup>9</sup> Technical electives chosen from FORS 314 or FORS 317; <del>GEOG 411</del> ; MGT 440; PLSC 437; POLS 440, POLS 441.		

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## Wildlife and Fisheries Science

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### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Wildlife and Fisheries Science – Wildlife and Fisheries Science Major – Wildlife and Fisheries Management Concentration

<b>Term 2</b>		
MATH 125*	<del>3</del> 4	2.5 cumulative GPA
BIOL 159* or BIOL 167* and BIOL 160* or BIOL 168*	5	FWF 250* with grade B or better
ENGL 102*	3	
FWF 250*	3	
<b>Term 3</b>		
<sup>2</sup> GIS Elective	3	2.5 cumulative GPA
<sup>9</sup> Technical Writing Elective <del>ENGL 295* or</del> <del>ENGL 360*</del>	3	FWF 212 with grade C or better
ESS 210	4	
FWF 212	3	
CHEM 120* or CHEM 128*	3	
<b>Term 5</b>		
<sup>3</sup> Anatomy and Physiology Elective	3	2.5 cumulative GPA
FWF 315	3	2.5 major GPA
<sup>4</sup> Plant Elective	<del>3</del> 3-4	



<sup>5</sup> Aquatic Science Elective	3	
EEB 474	4	
<b>Term 6</b>		
FWF 310, FWF 312*, FWF 313	7	2.5 cumulative GPA
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	2.5 major GPA
<sup>6</sup> Wildlife Ecology and Management Elective	<del>3</del> 6	
WFS 444 or WFS 445	3	
<b>Term 8</b>		
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	No milestones
<sup>7</sup> Human Dimensions Elective	3	
FWF 416	3	
<sup>8</sup> Science Elective	<del>2-4</del> 2	
WFS 443 or WFS 452	3	
WFS 461	1	

<sup>2</sup> GIS Elective – Chosen from ESS 326 or FWF 430 or GEOG 311 ~~or GEOG 414~~ or GEOG 413.

<sup>6</sup> Wildlife Ecology and Management Elective – any of the following not used to meet other requirements: WFS 433, ~~WFS 434~~, WFS 444, WFS 445.

<sup>9</sup> ~~Technical Writing Elective~~ – Chosen from ENGL 295 or ENGL 360 or JREM 450 or JREM 451.

*Rationale: To clarify and reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE TEXT

### Wildlife and Fisheries Science Major, BS in Wildlife and Fisheries Science – Wildlife Health Concentration

Wildlife and fisheries ~~science management~~ is the science and art of maintaining populations of wild animals at levels consistent with the best interests of wild species and of the public.

~~Management goals may be aesthetic, economic, or ecological.~~ Success depends upon wildlife and fisheries biologists providing assistance; scholarly application of scientific information and methods to these goals; ecological perspective; and execution of programs to maintain past successes, to prevent repetition of past failures, and to prepare for future needs.

To remain in the Wildlife Health concentration, students must maintain a ~~3.0~~ ~~2.5~~ cumulative GPA, ~~3.0~~ ~~2.5~~ major GPA, and earn no less than a B grade in FWF 250\*. If a student does not meet the aforementioned criteria, the student will be removed from the ~~Wildlife Health Concentration Wildlife and Fisheries Science major~~, and the student must meet with their advisor to identify an alternative ~~concentration or~~ major. Courses to be counted towards the major GPA are all 300-level and above courses in WFS, FORS, and FWF.

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Wildlife and Fisheries Science – Wildlife and Fisheries Science Major – Wildlife Health Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	<del>3.0</del> <del>2.5</del> cumulative GPA
MATH 125*	3	
ENGL 101* or ENGL 118*	3	

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<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	
WFS 101 and WFS 100	2 4	
<b>Term 2</b>		
BIOL 160* or BIOL 168*; and BIOL 159* or BIOL 167*	5	3.0 <del>2.5</del> cumulative GPA
CHEM 120* or CHEM 128*	4	FWF 250* with grade B or better
ENGL 102*	3	
FWF 250*	3	
<del>WFS 100</del>	4	
<b>Term 3</b>		
ANSC 220	3	3.0 <del>2.5</del> cumulative GPA
CHEM 130* or CHEM 138*	4	
FWF 315	3	
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	
<sup>1</sup> Social Sciences Elective*	3	
<b>Term 4</b>		
ANSC 340 or BIOL 240	3-4	3.0 <del>2.5</del> cumulative GPA
BIOL 260, BIOL 269	4	3.0 <del>2.5</del> major GPA
CHEM 260 and CHEM 269	4	ENGL 101* or ENGL 118*; ENGL 102*; CHEM 120* or CHEM 128*; BIOL 150* or BIOL 158*; BIOL 159* or BIOL 167*; BIOL 160* or BIOL 168*; MATH 115* or STAT 201* or STAT 207*; MATH 125*; BIOL 260 or FORS 215
MATH 115* or STAT 201* or STAT 207*	3	
<b>Term 5</b>		
<sup>2</sup> Science Electives*	4	3.0 <del>2.5</del> cumulative GPA
ALEC 240* or ANSC 360 or CMST 210* or CMST 217* or CMST 240* or CMST 247*	3	3.0 <del>2.5</del> major GPA
PHYS 221*	4	
CHEM 359, CHEM 360	4	
<b>Term 6</b>		
AREC 201* or ECON 201* or ECON 207* or ECON 211* or ECON 213*	3-4	No milestones
<sup>1</sup> Arts and Humanities Elective or Cultures and Civilizations Elective*	3	3.0 <del>2.5</del> cumulative GPA
PHYS 222*	4	3.0 <del>2.5</del> major GPA
<sup>3</sup> Wildlife Ecology and Management Elective	3	

<sup>2</sup> Chosen from any 300-level and above wildlife and fisheries science (WFS); forestry (FORS); forestry, wildlife and fisheries (FWF); entomology and plant pathology (EPP); animal science (ANSC); ecology and evolutionary biology (EEB), microbiology (MICR); or biochemistry and cellular and molecular biology (BCMB) course. Any courses not already required for the major.

<sup>3</sup> Wildlife Ecology and Management Electives – Select from the following: WFS 433, ~~WFS 434~~, WFS 443, WFS 444, WFS 445.

<sup>4</sup> Technical Electives – ~~ANSC 280 or~~ ANSC 320 or ANSC 330 or ANSC 380 or ANSC 489 or ESS 326 or FWF 430 or GEOG 311 or GEOG 411 or GEOG 413 or EPP 525.

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*Rationale: To clarify and reflect course changes. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Wildlife and Fisheries Science Minor

#### Minor Requirements

Select 3 courses from the following:

- ~~FWF 325 - Wildlife Vegetation and Habitat~~
- FWF 325S - Wildlife Vegetation and Habitat

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF PLANT SCIENCES

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## REVISE REQUIREMENTS

### Plant Sciences Major, BS in Plant Sciences – Organic Production Concentration

(footnote 3)

<sup>3</sup> Directed electives are courses that generally support and enhance a student's academic goals. These multidisciplinary courses were chosen to provide students the opportunity to develop basic and advanced skills beyond Plant Science's core requirements. The Plant Sciences Undergraduate Program Committee periodically reviews this list to identify appropriate courses for each concentration. If students believe that a course not on the list would meet this objective, they may propose this to their academic advisor to review before the start of the semester in which the student wishes to take the course. Additionally, components of an Entrepreneurship, Business Administration, or Entomology and Plant Pathology Minor(s) are acceptable.

Chosen from any 200-level and above from Agricultural and Resource Economics, Animal Science, Biology, Business Administration, Biochemistry and Cellular and Molecular Biology, Biosystems Engineering, Biosystems Engineering Technology, Business Analytics and Statistics, Chemistry, Ecology and Evolutionary Biology, Entomology and Plant Pathology, Environmental and Soil Sciences, Food Science, Forestry, Geology, Management, Marketing, Microbiology, Physics, Plant Sciences, Spanish, Statistics, or approved foreign language; and ACCT 200, ACCT 207; AGNR 291, AGNR 292, AGNR 481; ALEC 240\*, ALEC 340; ~~ANSC 150~~ ~~ANSC 160~~; AREC 212, AREC 342, AREC 442; ARTD 451, ARTD 452\*; BUAD 103; BULW 301; DSGN 130\*, DSGN 430; ECON 331; EF 130, EF 400; ENGL 295\*, ENGL 360\*; ENT 350, ENT 410, ENT 415, ENT 420, ENT 425, ENT 451, ENT 460; FDSC 150\*; FINC 300; GEOL 201\*, GEOL 202\*, GEOL 206; JREM 450\*, JREM 451\*, JREM 456\*; MARK 300, MARK 462; ME 457; MGT 201, MGT 300; MUSC 305; PHIL 130\*; PHYS 101\*; RCS 411, RCS 412; SOCI 360. The directed electives category can also be fulfilled by the completion of any university approved minor taken at The University of Tennessee.

*Rationale: To reflect course changes. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Plant Genetics and Biotechnology Concentration

Term 4		
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<sup>3</sup> AREC 201* or ECON 201* or ECON 207*	3-4	ENGL 102*
ESS 210	4	PLSC 210
<sup>2,3</sup> Social Sciences Elective*	3	
<sup>4</sup> Unrestricted Electives	<del>2-4</del> 4-6	

*Rationale: Lowering number of unrestricted electives to make concentration 120 hours. Impact on other units: None. Financial impact: No financial impact is expected.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Sustainable Landscape Design Concentration

Term 6		
PLSC 380	3	No milestones
<sup>4</sup> Directed Electives	6	
PLSC 330	3	
<sup>5</sup> Unrestricted Electives	<del>2</del> 5	

*Rationale: Lowering number of unrestricted electives to make concentration 120 hours. Impact on other units: None. Financial impact: No financial impact is expected.*

## COLLEGE OF ARCHITECTURE AND DESIGN

All changes effective Fall 2020

### COURSE CHANGES

#### SCHOOL OF ARCHITECTURE (ARCH) Architecture

##### Program Learning Outcomes for B. Architecture

1. Graduating students must demonstrate the ability to build abstract relationships and understand the impact of architectural design based on research and analysis of multiple theoretical, social, political, economic, cultural and environmental contexts.
2. Integrating Building Practices, Technical Skills and Knowledge: Graduating students must demonstrate a comprehension of the technical aspects of design, systems and materials, and be able to apply that comprehension in their coursework.
3. Leadership and Practice: Graduating students must have an understanding of the architect's role in managing and advocating for legal, ethical, and critical action for the good of the client, society and the public.

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION (multiple courses)

#### ARCH 171 - Design I: Spatial Order I (3)

A beginning transdisciplinary studio that focuses on foundations of spatial composition and design. Key concepts include ideation, form, craft, spatial order, and three-dimensional thinking.

*Formerly: ARCH 171 – Design Fundamentals I: Space (3) Fundamentals of spatial composition and design. Two and three-dimensional compositions to explore ideas of form and space. Introduction to architectural representation in drawings, sketches, and models.*

#### ARCH 172 - Design II: Spatial Order II (4)

A transdisciplinary studio that focuses on more advanced spatial composition and design. Key concepts include analytical methods, scale, light and shadow, and experience.

*Formerly: ARCH 172 - Design Fundamentals II: Space (4) Fundamentals of architectural design and analysis. Diagramming to communicate analysis of design ideas and principles. Design projects with site implications, scale and spatial sequence. Development of architectural representation.*

*Rationale: The B. Arch curriculum includes a series of ten studios, taught as a coordinated sequence through the first three-and-a-half years of the curriculum and then open advanced level options starting in the spring of fourth-year. After recent revisions to co-requisite technology, representation, and history/theory sequences, the SoA curriculum committee reviewed all ten of the studio courses to consider how the content had been altered or how new synergies could be reinforced. Proposed revisions to 171, 172, 271, and 272 are minor and are consistent with content being delivered in the previously revised co-requisite courses. In addition, the revised descriptions for 171 and 172 acknowledge the inclusion of both architecture and interior architecture students in the courses. Impact on other units: None. While 171 and 172 are program requirements for BSIA students, the proposed revisions are consistent with current instructional content. Financial impact: None.*

*Supports program learning outcome(s): 1.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **ARCH 221 - Representation III: Digital Workflow (2)**

*(RE) Corequisite(s): ARCH 271 or IARC 275.*

*Formerly: (RE) Corequisite(s): 271 or Interior Architecture 271.*

*Rationale: IARC 271 is being dropped. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION (multiple courses)**

#### **ARCH 271 - Design III: Territory I (6)**

Contextual determinants in architectural design. Development of alternative design strategies through analysis of a regional territorial condition. Exploration of material, climate, energy, comfort, and experience. Students establish a sense of design agency.

*Formerly: ARCH 271 – Architectural Design I: Place (6) Contextual determinants in architectural design. Role of the city in architectural design. Methods of analyzing place and form in determining design strategies. Introduction to spatial implications of structure and sustainable urbanism. Representational skills developed including drawing, diagramming, and modeling techniques.*

#### **ARCH 272 - Design IV: Territory II (6)**

Contextual determinants in architectural design. Development of alternative design strategies through analysis of an extensive territorial condition. Exploration of material expression, structure, and performance. Students further establish a sense of design agency.

*Formerly: ARCH 272 - Architectural Design I: Place (6) Contextual determinants in architectural design. Role of the landscape in architectural design. Methods of analyzing place and precedents in determining design strategies. The role of function, habitation, movement, structure and scale. Development of design processes, including analytical skills, diagramming, and organizational strategies. Use of computer aided visualization techniques.*

Low-  
impact:  
Revise  
course

*Rationale: The B. Arch curriculum includes a series of ten studios, taught as a coordinated sequence through the first three-and-a-half years of the curriculum and then open advanced level options starting in the spring of fourth-year. After recent revisions to co-requisite technology, representation, and history/theory sequences, the SoA curriculum committee reviewed all ten of the studio courses to consider how the content had been altered or how new synergies could be reinforced. Proposed revisions to 171, 172, 271, and 272 are minor and are consistent with content being delivered in the previously revised co-requisite courses. In addition, the revised descriptions for 171 and 172 acknowledge the inclusion of both architecture and interior architecture students in the courses. Impact on other units: None. While 171 and 172 are program requirements for BSIA students, the proposed revisions are consistent with current instructional content. Financial impact: None. Supports program learning outcome(s): 1.*

### **REVISE DESCRIPTION, REVISE (RE) COREQUISITE(S)**

#### **ARCH 361 – Design Research in Technology (2)**

Input to the architectural design research from a range of technical issues. May include building codes, construction types, cost, fire resistance, area, and bulk, along with comfort parameters, lighting intentions, energy performance targets, energy programming and schedules, etc. Focus on framing the designer's tasks and the technical support of architectural qualities. Supports technical aspects of program development in 373. Combination lecture and lab format. First half semester course.

*(RE) Corequisite(s): ARCH 373.*

*Formerly: Input to the architectural design research from a range of technical issues. May include building codes, construction types, cost, fire resistance, area, and bulk, along with comfort parameters, lighting intentions, energy performance targets, energy programming and schedules, etc. Focus on framing the designer's tasks and the technical support of architectural qualities. Supports technical aspects of program development in 370.*

*Combination lecture and lab format. First half semester course.*

*(RE) Corequisite(s): 370.*

### **REVISE (RE) COREQUISITE(S) (multiple courses)**

#### **ARCH 362 – Schematic Design Technology (2)**

*(RE) Corequisite(s): ARCH 373.*

*Formerly: (RE) Corequisite(s): 371.*

#### **ARCH 363 – Design Implementation III: Systems (2)**

*(RE) Corequisite(s): ARCH 374.*

*Formerly: (RE) Corequisite(s): 372.*

#### **ARCH 364 – Performative Design I: Passive Systems Design (2)**

*(RE) Corequisite(s): ARCH 374.*

*Formerly: (RE) Corequisite(s): 372.*

#### **ARCH 365 – Performative Design II: Active and Hybrid Systems Design (2)**

*(RE) Corequisite(s): ARCH 374.*

*Formerly: (RE) Corequisite(s): 372.*

*Rationale: Change of course number for corequisite course. Impact on other units: None. Financial Impact: None.*

Mid-  
impact:  
Drop  
course

### **DROP COURSE (multiple courses)**

**ARCH 370 – Research and Design (3)**

**ARCH 370S – Research and Design – Collaborative Engagement (3)**

**ARCH 371 – Design as Applied Research (3)**

**ARCH 371S – Design as Applied Research – Collaborative Engagement (3)**

**ARCH 372 – Architectural Design IV (6)**

*Rationale: 370+371 and 370S+371S are currently taught as sequential half semester 3CH courses. These courses are being combined into 6CH studios, which necessitates a drop of the original and add of new courses 373 and 373S. 372 sequentially follows 370/371 and is being dropped and added with a new number, 374. Impact on other units: None. Financial impact: None.*

#### **COURSE EQUIVALENCY TABLE for Program Requirements**

Former Course Number	Equivalent Course Number
ARCH 370 (3) and ARCH 371 (3)	ARCH 373 (6)

#### **COURSE EQUIVALENCY TABLE**

Former Course Number	Equivalent Course Number
ARCH 372 (6)	ARCH 374 (6)

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

**ARCH 373 - Design V: Applied Research (6)**

Understanding the design process through integrated design research. Methodologies includes analysis of site, environment, program, spatial and contextual conditions, user needs, precedent studies, typology, scale, socio-political and cultural influences. Culminates in execution of a comprehensive research document and design project.

*Instructional mode: STD*

*(RE) Prerequisite(s): ARCH 272 with a grade of C or better.*

*(RE) Corequisite(s): ARCH 361 and ARCH 362.*

*Registration Restriction(s): A minimum of 2.5 GPA in all design courses is required.*

*Rationale: The standard credit hour for studio courses in years 2-5 is 6CH. 373 includes two content components, one focused on design research and the other on implementing or applying this research to an architectural project. In the existing sequence, these two components are divided into two courses, 370 (or 370S) and 371 (or 371S). Assessment of this division found it to restrain teaching and reinforced a perceived separation of research and design, rather than acknowledging their reciprocity in the design process. This proposal combines the courses as a single 6CH studio. Impact on other units: None. Financial impact: None. Supports program learning outcome(s): 1.*

#### **COURSE EQUIVALENCY TABLE for Program Requirements**

Former Course Number	Equivalent Course Number
ARCH 370 (3) and ARCH 371 (3)	ARCH 373 (6)



Mid-  
impact:  
Add  
Course

## ADD COURSE

### ARCH 374 - Design VI: Systems and Atmospheres (6)

Integration of design determinants emphasizing structure, sustainability, materials, and construction systems with respect to architecture's cultural role. Research and design incorporate technological and ecological systems into the production of experiential conditions.

*Instructional mode: STD*

*(RE) Prerequisite(s): ARCH 373 with a grade of C or better.*

*(RE) Corequisite(s): ARCH 363, ARCH 364, and ARCH 365.*

*Registration Restriction(s): A minimum of 2.5 GPA in all design courses is required.*

*Rationale: Fall and spring studios are sequentially numbered. Other changes within the curriculum necessitated a number change of the prerequisite studio (371 became 373). This added studio takes the place of 372, which is being dropped. Impact on other units: None.*

*Financial impact: None.*

*Supports program learning outcome(s): 1.*

### COURSE EQUIVALENCY TABLE

Former Course Number	Equivalent Course Number
ARCH 372 (6)	ARCH 374 (6)

Low-  
impact:  
Revise  
course

## REVISE (RE) PREREQUISITE(S)

### ARCH 462 – Professional Practice (3)

*(RE) Prerequisite(s): ARCH 374 or IARC 375 or consent of instructor.*

*Formerly: (RE) Prerequisite(s) 372 or Interior Architecture 371 or consent of instructor.*

*Rationale: Change of course number for prerequisite course. Impact on other units: None.*

*Financial Impact: None.*

Low-  
impact:  
Revise  
course

## REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)

### ARCH 471 - Design VII: Integrations (6)

Active integration of cultural considerations, programmatic possibilities, and technical exploration and precision as related to the development of an architectural project. Consideration of site-design, life safety, building structure, environmental systems, and high-performance building criteria are addressed within the context of ideas of resilience, regeneration, abundance, and sustainability.

*(RE) Prerequisite(s): ARCH 374 with a grade of C or better.*

*Formerly: ARCH 471 – Integration Design Studio (6) Design project from conceptual through design development phase. Specification of component building systems including structures, mechanical, lighting, and construction details. Demonstration of principles of environmental and cultural sustainability and resiliency in design and building performance.*  
*(RE) Prerequisite(s): 372 with a grade of C or better.*

*Rationale: The B. Arch curriculum includes a series of ten studios, taught as a coordinated sequence through the first three-and-a-half years of the curriculum and then open advanced level options starting in the spring of fourth-year. After recent revisions to co-requisite technology, representation, and history/theory sequences, the SOA curriculum committee reviewed all ten of the studio courses to consider how the content had been altered or how new synergies could be reinforced. Proposed revisions to 471 are minor and are consistent with content being delivered*

in the previously revised co-requisite courses. The prerequisite revision responds to a change in number of the preceding studio course. Impact on other units: None. Financial impact: None. Supports program learning outcome(s): 2.

Mid-  
impact:  
Add  
course

### **ADD COURSE**

#### **ARCH 472 - Design VIII: Cultural Immersion (6)**

Advanced research and design projects examining themes of culture, landscape, and territory through travel and off-campus study.

*Instructional mode: STD*

*(RE) Prerequisite(s): ARCH 374 with a grade of C or better.*

*Registration Restriction(s): A minimum of 2.5 GPA in all design courses is required.*

*Rationale: The B. Arch curriculum requires students "to participate in a school-approved study abroad or off-campus semester of study, minimum 12 credit hours including a 6 credit hour design studio." Currently, there is no dedicated course number for the studio course, but rather it is included in the more general 491 Foreign Studies or 492 Off-Campus Study. Logistically, this requires additional petition for credits to be accepted in DARS as fulfilling the studio requirement. The addition of a dedicated off-campus studio number will alleviate the need for this petition and clarify the sequence of studio requirements. Impact on other units: None. Financial impact: None. Supports program learning outcome(s): 1.*

Mid-  
impact:  
Add  
course

### **ADD COURSE, REQUEST VARIABLE TITLE**

#### **ARCH 495 – Cultural Engagement (3)**

Investigations of historic and contemporary contexts in various locations abroad.

*Instructional mode: OFF*

*Repeatability: May be repeated. Maximum 12 hours.*

*Registration Permission: Consent of architecture program director.*

*Rationale: Faculty in the School of Architecture traditionally teach one or two 3-CH mini-terms each May. These courses meet the criteria for the new Vol Core Global Citizenship – International requirements. Currently, there is no dedicated course number for these mini-term courses, but rather they are included in the more general 491 Foreign Studies. To apply for Vol Core GCI credit, therefore, it is necessary to develop a new course specific to mini-term abroad experiences. Impact on other units: None. Financial impact: None. Supports program learning outcome(s): 1.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **ARCH 496 - Design IX: Provocations (6)**

Thematic studio requiring research, critical examination and individual engagement through design speculation of critical positions within the discipline addressing topics outlined by individual instructors.

*(RE) Prerequisite(s): ARCH 374 with a grade of C or better.*

*Formerly: ARCH 496 - Advanced Architectural Design: Thematic Studio (6) Advanced architectural design based on special topics as defined by instructor.*

*(RE) Prerequisite(s): 372 with a grade of C or better.*

#### **ARCH 496S - Design IX: Provocations – Collaborative Engagement (6)**

Thematic studio requiring research, critical examination and individual engagement through design speculation of critical positions within the discipline addressing topics outlined by individual instructors. Supports service learning with engaged community partner. Includes purposeful service experience and student reflection.

*(RE) Prerequisite(s): ARCH 374 with a grade of C or better.*

*Formerly: ARCH 496S - Advanced Architectural Design – Collaborative Engagement (6) Advanced architectural design based on special topics as defined by instructor. Supports service learning with engaged community partner. Includes purposeful service experience and student reflection.*

*(RE) Prerequisite(s): 372 with a grade of C or better.*

*Rationale: The B. Arch curriculum includes a series of ten studios, taught as a coordinated sequence through the first three-and-a-half years of the curriculum and then open advanced level options starting in the spring of fourth-year. After recent revisions to co-requisite technology, representation, and history/theory sequences, the SOA curriculum committee reviewed all ten of the studio courses to consider how the content had been altered or how new synergies could be reinforced. Proposed revisions to 496 and 496S are minor. The prerequisite revision responds to a change in number of the preceding studio course. Impact on other units: None. Financial impact: None.*

*Supports program learning outcome(s): 1.*

### **REVISE TITLE, REVISE DESCRIPTION (multiple courses)**

#### **ARCH 498R - Design X: Consequences – Self-Directed Diploma Studio (6)**

Final culminating design studio experience for Bachelor of Architecture professional degree. Development of a position and reflection on consequences in advanced architectural design. In-depth work on thematic issues as defined by student with faculty oversight expanding on design proposal, research, and documentation undertaken in a previous seminar.

*Formerly: ARCH 498R – Self-Directed Diploma Studio (6) Faculty Oversight of student-initiated topic for design exploration. The design project is related to previous proposal, research, and documentation undertaken by the student.*

*Note: also need to update the archived base course.*

*Note that the same revision will be made to the archived base course, ARCH 498.*

#### **ARCH 499 - Design X: Consequences – Diploma Studio (6)**

Final culminating design studio experience for Bachelor of Architecture professional degree. Development of a position and reflection on consequences in advanced architectural design. In-depth work on thematic issues as defined by instructor. Required graphic and written products. Restricted to students in their final academic semester.

*Formerly: ARCH 499 – Diploma Thematic Studio (6) Final culminating design studio experience for Bachelor of Architecture professional degree. In-depth, instructor-led themes, with leeway for student interpretation in project development. Required graphic and written products.*

*Rationale: The B. Arch curriculum includes a series of ten studios, taught as a coordinated sequence through the first three-and-a-half years of the curriculum and then open advanced level options starting in the spring of fourth-year. After recent revisions to co-requisite technology, representation, and history/theory sequences, the SOA curriculum committee reviewed all ten of the studio courses to consider how the content had been altered or how new synergies could be reinforced. Proposed revisions to 498R and 499 are minor. In addition, the revised description for 499 acknowledges that this is the final course in the studio sequence. Impact on other units: None. Financial impact: None.*

*Supports program learning outcome(s): 1.*

Low-  
impact:  
Revise  
course

#### Program Learning Outcomes for BFA in Graphic Design.

1. A Graphic Design major (BFA) will be able to analyze, criticize, execute, and communicate design concepts in verbal, visual, and written forms across various media.
2. A Graphic Design major (BFA) will understand and frame design within social, cultural, and technological contexts.
3. Graphic Design majors (BFA) will be able to carry out self-directed research by analyzing an existing problem and by synthesizing these findings to develop a strategic solution.

Low-  
impact:  
Revise  
course

#### **REMOVE (RE) PRE-REQUISITE(S)**

##### **GRDS 425 – Special Topics in Graphic Design (3)**

*Formerly: (RE) Prerequisite(s): Graphic Design 101, 102, and 103. Or Consent of instructor.*

*Rationale: This special topics course is open to students outside of graphic design. Eliminating the prerequisites removes enrollment barriers for students who have not gone through graphic design first-year curriculum. Impact on other units: None. Financial impact: None. Change is to benefit students not pursuing BFA in graphic design; does not relate to program learning outcomes.*

#### **SCHOOL OF INTERIOR ARCHITECTURE (IARC) Interior Architecture**

#### Program Learning Outcomes for B. Architecture

1. Professional: Independent Thinking and Self Initiative: Graduating students have awareness and demonstrate the presentation of alternative viewpoints, being curious, and applying "self-generated" standards and criteria within the design process.
2. Practice: Creativity, Critical Thinking, and Representation: Graduating students demonstrate the ability to build abstract relationships and explore and develop original ideas with their imagination. They understand the impact of design based on applied research and analysis of multiple theoretical, social, political, economic, cultural, and environmental contexts to the creation of architectural interiors.
3. Project: Integrated Design, Technical Skills, and Knowledge: Graduating students demonstrate a comprehension of the technical aspects of interior architectural environments, systems, furnishing and materials, and be able to apply that comprehension to their coursework.
4. Profession: Leadership, Practice, and Collaboration: Graduating students have an understanding of the designer's role in managing and advocating for legal, ethical, and critical action for the good of the client, society, and the public and demonstrate the ability to collaborate with a diverse array of people.

Mid-  
impact:  
Drop  
Course

#### **DROP COURSE (multiple courses)**

##### **IARC 271 – Introduction to Interior Architecture Studio I (5)**

##### **IARC 272 – Introduction to Interior Architecture Studio II (5)**

##### **IARC 273 – Introduction to Interior Architecture Seminar I (1)**

##### **IARC 274 - Introduction to Interior Architecture Seminar II (1)**

*Rationale: 271(5)+273(1) and 272(5)+274(1) are currently taught as corequisite courses. These courses are being combined into 6CH studios, which necessitates a drop of the original and add of new courses 275(6) and 276(6). Impact on other units: None. Financial Impact: None.*

#### **COURSE EQUIVALENCY TABLE for Program Requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 271 (5) and IARC 273 (1)	IARC 275 (6)
IARC 272 (5) and IARC 274 (1)	IARC 276 (6)

Mid-  
impact:  
Add  
Course

#### **ADD COURSE (multiple courses)**

##### **IARC 275 - People, Spaces, Experiences & Politics (6)**

Introductory design investigations applying global contextual research of people, spaces, experiences and politics to the interior environment with a focus on historical, cultural, ethic, and/or social precedents which reinforce conceptual ideation and schematic design. Critical thinking through comparison and reflection, material explorations, and making are developed and applied based on global design research and perspectives. Program specified computer and software required.

*Instructional mode: STD*

*(RE) Prerequisite(s): ARCH 122 and ARCH 172*

##### **IARC 276 - Context, Concept, Input and Interaction (6)**

Continuation of introductory design investigations of the interior environment. Emphasis on contextual analysis and development, design process from conceptual ideation to critical refinement of schematic design and user input/interaction. May be instructed in vertical, joint, or design build format. Program specified computer and software required.

*Instructional mode: STD*

*(RE) Prerequisite(s): ARCH 275*

*Rationale: The program is moving to a conceptually based studio description to provide consistence of delivery of course experience to multiple sections of the same course. The standard credit hour for studio courses in years 2-4 is 6CH. In the existing sequence, the two second-year studios are currently divided into two courses, 271(5)+273(1) and 272(5)+274(1), with the 1CH course focused on directed readings related to the 5CH studio objectives. Assessment of this division found it to restrain teaching and reinforced a perceived separation of design and research/theory, rather than acknowledging their reciprocity in the design process. This proposal combines the courses as a single 6CH studio. Impact on other units: None. Financial Impact: None. Supports program learning outcome(s): 1 and 3.*

#### **COURSE EQUIVALENCY TABLE for Program Requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 271 (5) and IARC 273 (1)	IARC 275 (6)
IARC 272 (5) and IARC 274 (1)	IARC 276 (6)

Low-  
impact:  
Revise  
course

#### **REVISE (RE) COREQUISITE(S)**

##### **IARC 321 – Advanced Representation (3)**

(RE) Corequisite(s): IARC 276.

Formerly: (RE) Corequisite(s) 272.

Rationale: Change of course number for corequisite course. Impact on other units: None.  
Financial Impact: None.

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### IARC 361 - Lighting for Interior Architecture (3)

Lecture presentation of design principles in lighting, acoustics and mechanical systems. Course will emphasize fundamentals of lighting design practices and techniques.

(RE) Prerequisite(s): IARC 101, ARCH 101, or ARCH 111; and MATH 123 or above; and sophomore standing; or permission of instructor.

Rationale: This course is the exact version of IARC 460. The course number is being changed to IARC 362 as it is being taught during semester four. The faculty did not feel that a 400 level course should be instructed in the second year. The course is currently being instructed in term 5 and will be taught in term 4 with the adoptions of the proposed curricular changes. Impact on other units: None. Financial Impact: None.  
Supports program learning outcome(s): 3.

**COURSE EQUIVALENCY TABLE**

Former Course Number	Equivalent Course Number
IARC 460	IARC 361

*Note that this course has applied for QR designation effective fall 2020, but the application has not yet been approved by the Gen Ed Committee.*

Mid-  
impact:  
Drop  
Course

### DROP COURSE (multiple courses)

#### IARC 371 – Intermediate Interior Architecture Studio (5)

Rationale: 371(5)+373(1) are currently taught as corequisite courses. These courses are being combined into a 6CH studio, which necessitates a drop of the original and add of new course 275(6). 372 is being dropped and added back as 376 to maintain sequential numbers. Impact on other units: None. Financial Impact: None.

**COURSE EQUIVALENCY TABLE for program requirements**

Former Course Number	Equivalent Course Number
IARC 371 (5) and IARC 373 (1)	IARC 375 (6)

Mid-  
impact:  
Archive  
Course

### REVISE (RE) PREREQUISITE(S), ARCHIVE COURSE

#### IARC 372 - Design Development and Construction Detailing Documentation for Interior Architecture (6)

(RE) Prerequisite(s): IARC 331, IARC 375, and ARCH 321.

Formerly: (RE) Prerequisite(s): 331, 371, 373 and Architecture 321.

Rationale: IARC 371 and 373 are being dropped and replaced with IARC 375. IARC 372 is being archived until IARC 372S is ready to be dropped, as well, and added back as IARC 376 and



376S to maintain sequential numbers. Once 376S has been approved, 372 and 372S can both be dropped. Impact on other units: None. Financial Impact: None.

#### COURSE EQUIVALENCY TABLE

Former Course Number	Equivalent Course Number
IARC 372 (6)	IARC 376 (6)

Low-  
impact  
Revise  
course

#### REVISE (RE) PREREQUISITE(S)

#### IARC 372S - Design Development and Construction Detailing Documentation for Interior Architecture – Service Learning (6)

(RE) Prerequisite(s): IARC 331, IARC 375, and ARCH 321.

Formerly: (RE) Prerequisite(s): 331, 371, 373 and Architecture 321.

Rationale: IARC 371 and 373 are being dropped and replaced with IARC 375. Impact on other units: None. Financial impact: None.

#### COURSE EQUIVALENCY TABLE

Former Course Number	Equivalent Course Number
IARC 372 (6)	IARC 376 (6)

Mid-  
impact:  
Drop  
Course

#### DROP COURSE

#### IARC 373 – Intermediate Interior Architecture Seminar (1)

Rationale: 371(5)+373(1) are currently taught as corequisite courses. These courses are being combined into a 6CH studio, which necessitates a drop of the original and add of new course 275(6). 372 is being dropped and added back as 376 to maintain sequential numbers. Impact on other units: None. Financial Impact: None.

#### COURSE EQUIVALENCY TABLE for program requirements

Former Course Number	Equivalent Course Number
IARC 371 (5) and IARC 373 (1)	IARC 375 (6)

Mid-  
impact:  
Add  
Course

#### ADD COURSE

#### IARC 375 - Experimentation + Innovation (6)

Intermediate Interior Architecture Studio focusing on design investigations of the interior environment with material systems and programming. Design process from program creation to conceptual ideation to critical refinement of schematic design. Program specified computer and software required.

Instructional mode: STD

(RE) Prerequisite(s): IARC 200 and IARC 276

(RE) Corequisite(s): IARC 361.

Rationale: The program is moving to a conceptually based studio description to provide consistence of delivery of course experience to multiple sections of the same course. The standard credit hour for studio courses in years 2-4 is 6CH. In the existing sequence, this third-year studio is currently divided into two courses, 371(5)+373(1), with the 1CH course focused on directed readings related to the 5CH studio objectives. Assessment of this division found it to



*restrain teaching and reinforced a perceived separation of design and research/theory, rather than acknowledging their reciprocity in the design process. This proposal combines the courses as a single 6CH studio. Impact on other units: None. Financial Impact: None.*  
*Supports program learning outcome(s): 3.*

#### **COURSE EQUIVALENCY TABLE for program requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 371 (5) and IARC 373 (1)	IARC 375 (6)

Mid-  
impact:  
Add  
Course

#### **ADD COURSE**

##### **IARC 376 - Design Development and Construction Detailing Documentation for Interior Architecture (6)**

Comprehensive design process with emphasis on design development and basic construction documentation. Use of building information management software and focus on construction principles are integrated in the studio investigations. Program specified computer and software required.

*Instructional mode: STD*

*(RE) Prerequisite(s): IARC 331, IARC 375, and ARCH 321*

*Rationale: Fall and spring studios are sequentially numbered. Other changes within the curriculum necessitated a number change of the prerequisite studio (371 became 375). This added studio takes the place of 372, which is being dropped. Impact on other units: None.*

*Financial Impact: None.*

*Supports program learning outcome(s): 3.*

#### **COURSE EQUIVALENCY TABLE for program requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 372 (6)	IARC 376 (6)

Low-  
impact:  
Revise  
course

#### **REVISE (RE) PREREQUISITE(S)**

##### **IARC 420 – Practicum for Interior Architecture (3)**

*(RE) Prerequisite(s): IARC 360 and IARC 376.*

*Formerly: (RE) Prerequisite(s): 360 and 372*

*Rationale: Change of course number for prerequisite course. Impact on other units: None.*

*Financial Impact: None.*

Mid-  
impact:  
Drop  
Course

#### **DROP COURSE**

##### **IARC 460 – Lighting for Interior Architecture (3)**

*Rationale: The lighting course is being added back with as the same course content but with new number, to be taught one semester earlier in the curriculum.*

#### **COURSE EQUIVALENCY TABLE**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 460	IARC 361

Mid-  
impact:  
Drop  
Course

## **DROP COURSE**

### **IARC 471 – Advanced Interior Architecture Studio (5)**

### **IARC 473 – Advanced Interior Architecture Seminar (1)**

### **IARC 474 – Advanced Multi-disciplinary Interior Architecture Studio (6)**

*Rationale: 471(5)+473(1) are currently taught as corequisite courses. These courses are being combined into a 6CH studio, which necessitates a drop of the original and add of new course 475(6). 374 is being dropped and added back as 376 to maintain sequential numbers. Impact on other units: None. Financial Impact: None.*

**COURSE EQUIVALENCY TABLE for program requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 471 (5) and IARC 473 (1)	IARC 475 (6)

**COURSE EQUIVALENCY TABLE**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 474 (6)	IARC 476 (6)

Mid-  
impact:  
Add  
Course

## **ADD COURSE**

### **IARC 475 Comprehensive Capstone Studio (6)**

Advanced design investigations of the interior environment. Emphasis on design process from conceptual ideation to critical refinement of design development. Projects include integration of large systems including fire separation, egress, lighting, materials, structure, acoustics, and environmental. May be instructed in vertical, joint, or design build format. Program specified computer and software required.

*Instructional mode: STD*

*(RE) Prerequisite(s): IARC 376.*

*Rationale: The program is moving to a conceptually based studio description to provide consistency of delivery of course experience to multiple sections of the same course. The standard credit hour for studio courses in years 2-4 is 6CH. In the existing sequence, this fourth-year studio is currently divided into two courses, 471(5)+473(1), with the 1CH course focused on directed readings related to the 5CH studio objectives. Assessment of this division found it to restrain teaching and reinforced a perceived separation of design and research/theory, rather than acknowledging their reciprocity in the design process. This proposal combines the courses as a single 6CH studio. Impact on other units: None. Financial Impact: None.*

*Supports program learning outcome(s): 3 and 4.*

**COURSE EQUIVALENCY TABLE for program requirements**

<b>Former Course Number</b>	<b>Equivalent Course Number</b>
IARC 471 (5) and IARC 473 (1)	IARC 475 (6)

Mid-  
impact:  
Add  
Course

## **ADD COURSE**

### **IARC 476 - Elective Studio (6)**

Advanced interior architecture investigations related to contemporary topics and theories. May be instructed in vertical, multi-disciplinary, self-directed, or design build format. Program specified computer and software required.

*Instructional mode: STD*

(RE) Prerequisite(s): IARC 376.

*Rationale: This studio is revised from the former 474 course, with a new number to maintain sequential order. The program is moving to a conceptually based studio description to provide consistence of delivery of course experience to multiple sections of the same course. This course allows faculty to develop special topics and experimental studios. Still may be taught as multi-disciplinary. Impact on other units: None. Financial Impact: None.*

*Supports program learning outcome(s): 3 and 4.*

#### COURSE EQUIVALENCY TABLE

Former Course Number	Equivalent Course Number
IARC 474 (6)	IARC 476 (6)

Low-  
impact:  
Revise  
course

#### REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)

##### IARC 477 – Honors: Senior Interior Architecture Project

Students will attend 475 studio classes with supplementary design assignments required.

(RE) Prerequisite(s): IARC 475.

*Formerly: Students will attend 474 studio classes with supplementary design assignments required.*

*(RE) 471 and 473.*

#### REVISE (RE) PREREQUISITE(S)

##### IARC 480 – Furniture Design (3)

(RE) Prerequisite(s): IARC 375, ARCH 372, or INDS 371.

*Formerly: (RE) Prerequisite(s) 371, Architecture 372, or Industrial Design 371.*

*Rationale: Change of course number for prerequisite course. Impact on other units: None. Financial Impact: None.*

### SCHOOL OF LANDSCAPE ARCHITECTURE (LAR) Landscape Architecture

Program Learning Outcomes for B. Architecture

1. Communicate effectively through multiple modes and media including visual/graphic, textual, and oral.
2. Awareness of contemporary and historical landscape architecture professional projects, designers, and contexts.
3. Awareness of, and intermediate to advanced practical skills necessary to perform technical aspects of the profession such as grading, drainage, material construction, and construction documentation.
4. Working knowledge of commonly used plant materials and regional ecological systems.

Mid-  
impact:  
Add  
Course

#### ADD COURSE (multiple courses)

##### LAR 421: Design Communication I (3)

Focuses on discipline-specific modes of representation, digital tools, technical drawing modes and conventions, and fundamental compositional concerns. In addition to these visual and graphic modes of representation, students learn cross-media software workflows and multi-media strategies for generating and communicating design ideas.

*Instructional mode: LAB.*

*Registration Permission: Consent of instructor.*

**LAR 422: Design Communication II (3)**

Builds on the skills developed in LAR 521 to engage in more advanced and exploratory practices of design communication. Students will use multiple media and techniques to explore and explain complex landscape phenomena and conditions as well as developing skills with emerging design communication processes such as parametric modeling, information graphics, and visual storytelling.

*Instructional mode: LAB.*

*(RE) Prerequisite(s): LAR 421.*

*Registration Permission: Consent of instructor.*

**LAR 423 Visual Communication for Non-Designers (3)**

This course provides instruction on the basics of visual communication for students in non-design disciplines. Students will explore a range of digital design techniques and workflows across software packages in order to prepare them to communicate effectively in a variety of common communication types and formats. The course will focus on the most-used industry tools for the efficient creation and management of contemporary visual communications.

*Instructional mode: LAB.*

**LAR 425 Special Topics in Landscape Architecture (3)**

Faculty initiated professional elective in landscape architecture.

*Instructional mode: SEM.*

*Repeatability: May be repeated. Maximum 12 hours.*

*Registration Restriction(s): Architecture major or consent of instructor.*

**LAR 432 Plants in the Landscape I (3)**

This course provides students with an introduction to the use of plant materials in the built environment, drawing upon contemporary approaches to landscape architecture and sustainable landscape design. The course is structured to provide students with concrete working knowledge - identification and performative characteristics - of approximately 120 plants that are somewhat common in the southeast or across the United States with a particular emphasis on plants that are well-adapted to urban situations. In addition to plant identification, the course will provide students with a series of frameworks through which to consider how plants have been or could be utilized, as well as emerging ecological theories such as novel ecosystems.

*Instructional mode: LEC/LAB.*

*Credit hour distribution: 2 lecture and 1 lab.*

**LAR 433 Plants in the Landscape II (3)**

This course provides students with an introduction to the use of plant materials and their supporting bio-physical systems in order to harness their performative or bio-technological potentials in the built environment. The course draws from landscape architecture, environmental engineering, and other disciplines and practices currently exploring the utility of contemporary biotechnologies. The course is structured to provide students with concrete working knowledge - identification and performative characteristics - of approximately 120 plants that are commonly utilized in performative capacities such as constructed wetlands, bioswales, and other remediative situations.

*Instructional mode: LEC/LAB*

*Credit hour distribution: 2 lecture and 1 lab.*

**LAR 487 Contemporary Landscape Architecture (3)**

This course is intended to provide students with an awareness and appreciation for contemporary landscape architecture. While the primary focus of the course will be from 1950 to the present, we will periodically reach farther back into history in order to better understand key historical precedent projects and designers that were or are influential to contemporary designers and projects. This course situates current practices through a survey of precedents, events and spatial

developments across cultures and scales. In order to understand the projective discipline of landscape architecture, we must study how it has been informed, influenced and shifted over its relatively short existence.

### **LAR 488 Contemporary Landscapes: Problems and Potentials (3)**

This course will survey a wide range of issues impacting the landscape and the social-ecological systems it supports. Climate change, urbanization, population increases, and migrations of human and non-human species are among the many pressures currently affecting landscapes and informing the disciplines involved in their analysis, design, and management. The course will also provide a global survey of the people and projects that are engaging in these landscape changes. These projects will range across scales from site to system and provide students with a greater understanding of the potentials for engaging these landscape issues through design and related fields.

*Rationale: The proposed additions are for new courses developed in the Master of Landscape Architecture curriculum. The 400-level courses are intended to aid with enrollment by undergrads in courses we feel are of interest and value to undergrads who may be intimidated by the 500-level courses or concerned about grad credit counting towards their undergraduate degree.*

*Impact on Other Academic Units: None. Financial Impact: None.*

*Addition of undergraduate courses do not relate to MLA program learning outcomes.*

## PROGRAM CHANGES

Low-  
impact:  
Revise  
text

### **REVISE TEXT**

#### **College of Architecture and Design** (main college page)

#### **Transfer Students**

All students wishing to transfer into the College of Architecture and Design must apply for admission. It should be noted that due to the strong sequential character of the curriculum, entry in any semester other than fall might be difficult.

~~Internal and external transfer students should attend information sessions offered between October and February. Students applying from other institutions should contact the Director of Student Development for more information regarding credit transfer.~~

**Architecture and Interior Architecture** - A course of summer study is usually offered which would allow transfer students to proceed to the second year course of study for the fall. Transfer students are required to have at least a 2.5 grade point average to be considered, and may choose to submit a portfolio for additional support for the application (see Optional Portfolio).

**Graphic Design** - To receive credit for studio, design, or art classes taken at another institution, students will need to submit a portfolio for evaluation. Students transferring from a different discipline will need to meet with program faculty to create an appropriate academic plan.

~~Internal transfer students should attend information sessions offered between October and February. Students applying from other institutions should contact the Director of Student Development for more information regarding credit transfer.~~

*Rationale: Text is updated to make consistent font Italicization and to alphabetize SoA chair position, and to clarify that all internal transfer students should attend information sessions, not just students interested in graphic design. Impact on Other Academic Units: None. Financial Impact: None.*

**INTERDEPARTMENTAL**

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Design Studies Minor****Select 12 hours:**

Student must take at least one course in Interior Architecture and one in Architecture.

- ARCH 451 – Special Topics in Representation
- ~~ARCH 491 – Foreign Study~~
- ARCH 495 – Cultural Engagement
- IARC 361 – Lighting for Interior Architecture \*
- ~~IARC 460 – Lighting for Interior Architecture \*~~

*Rationale: Updated to reflect course revisions in ARCH and IARC. Impact on Other Academic Units: None. Financial Impact: None.*

**SCHOOL OF ARCHITECTURE  
(ARCH) Architecture**

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Architectural Studies Minor****Minor Requirements**

The Minor in Architectural Studies consists of 21 credit hours.

Prerequisite requirements and registration restrictions may apply for some courses.

**Complete 6 hours:**

- ~~IARC 272 – Introduction to Interior Architecture Studio II and~~
  - ~~IARC 274 – Introduction to Interior Architecture Seminar II~~
  - IARC 276 - Context, Concept, Input and Interaction
- or
- ARCH 272 - Architectural Design II: Place

**Select 15 hours:**

- ARCH 451 – Special Topics in Representation
- IARC 476 – Elective Studio
- ~~ARCH 491 – Foreign Study~~
- ARCH 495 – Cultural Engagement
- ~~IARC 474 – Advanced Multi-disciplinary Interior Architecture Studio~~

*Rationale: Updated to reflect course revisions in ARCH and IARC. Impact on Other Academic Units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Architecture**

<b>Term 5</b>		
ARCH 213* or ARCH 227*, ARCH 321, ARCH 361, ARCH 362	9	2.5 cumulative GPA
<sup>1</sup> <del>ARCH 373 RCH 370 and ARCH 371 or ARCH 370S and ARCH 371S</del>	6	
<sup>5</sup> Unrestricted Elective	2	
<b>Term 6</b>		
ARCH 363, ARCH 364, ARCH 365	6	2.5 cumulative GPA
<sup>1</sup> <del>ARCH 374 ARCH 372</del>	6	
<sup>4</sup> Cultures and Civilizations Elective*	3	
<b>Term 8</b>		
<sup>1,7</sup> <del>ARCH 472 Design Studio Option</del>	6	2.5 cumulative GPA
<sup>3</sup> Non-Architecture Elective	3	
<sup>6</sup> Professional Elective	3	
<sup>4</sup> Social Sciences Elective*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 9</b>		
<sup>1,7</sup> <del>ARCH 474 or ARCH 496 Design Studio Option</del>	6	2.5 cumulative GPA
<sup>4</sup> Natural Sciences w/Lab Elective*	4	
<sup>6</sup> Professional Elective	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 10</b>		
ARCH 462	3	2.5 cumulative GPA
<sup>1,7</sup> <del>ARCH 475, ARCH 497, ARCH 498R, or ARCH 499 Design Studio Option</del>	6	
<sup>3</sup> Non-Architecture Elective	3	
<sup>6</sup> Professional Elective	3	

<sup>7</sup> ~~During the fourth and fifth year, students will select a total of three courses from the following Design Studio Options—ARCH 474, ARCH 475, ARCH 496, ARCH 496S, ARCH 497, ARCH 498R, and ARCH 499. Students interested in pursuing the MLA in Landscape Architecture will take ARCH 474 and ARCH 475 in the fifth year.~~

<sup>8</sup> ~~Students are required to participate in a school-approved study abroad or off-campus semester of study, minimum 12 credit hours including a 6 credit hour design studio. Study will typically occur in the spring of fourth-year, the fall of fifth-year, or the summers after the third or fourth years of study.~~

*Rationale: Updated to reflect course revisions in ARCH and IARC. Impact on Other Academic Units: None. Financial Impact: None.*

### **Seven Six-Year Architecture/Landscape Architecture Path**

Qualified students in the architecture program may consider entering the Master of Landscape Architecture degree path in their fifth year. Completing this path allows Bachelor of Architecture graduates to gain advanced standing in the landscape architecture program, satisfying degree requirements in **one year two-years** rather than three. This path only applies to the Master of Landscape Architecture, Track 1, **Path C** – First Professional Degree option offered at the University of Tennessee, Knoxville. For more information, see the *Graduate Catalog*.

### **Requirements for architecture students pursuing this degree path:**

- The student must meet with advisors from both the architecture and the landscape architecture programs.



- The student must complete the following requirements during or before the fifth year. Prerequisites to the landscape architecture program (#) may be completed using non-architecture and unrestricted electives.
  - Approved life science with lab course#
  - GEOL 590 – Special Problems in Geology#
  - PLSC 421 - Design Communication I
  - **PLSC 422 – Design Communication II**
  - ~~○ ARCH 424 – Special Topics in Landscape Architecture: History and Theories I (professional elective)~~
  - ~~○ ARCH 424 – Special Topics in Landscape Architecture: History and Theories II (professional elective)~~
  - **LAR 432 – Plants in Design I or LAR 433 Plants in Design II**
  - **LAR 487 – Contemporary Landscapes**
  - **LAR 534 – Operative Strategies**
  - ARCH 474 - Advanced Architectural Design: Landscape Architecture I (fifth year design studio option)
  - ARCH 475 - Advanced Architectural Design: Landscape Architecture II (fifth year design studio option)

*Rationale: Updated to reflect course and program revisions in MLA program. Impact on Other Academic Units: None. Financial Impact: None.*

## SCHOOL OF DESIGN

Low-  
impact:  
Revise  
text

### REVISE TEXT

#### Apply Knowledge and Theory in a Project Based Learning Environment

Graphic Design studio courses are intense, project-based courses that require time and intellectual commitment. We emphasize a process where students move through critical thinking to creative conceptualization. Iterative explorations, articulate communication of ideas, creative exploration and critical evaluation are at the heart of the Graphic Design studio courses. **The curriculum is uniquely designed to encourage cross-disciplinary studies and collaborations, within the university and the community, and to prepare students for professional practice.**

#### Engage Contemporary Technology

**The College of Architecture and Design maintains a fabrication lab, digital three-dimensional printers, print center, photography studio, and wood shop. Students are required to purchase a program-specified computer and software to complete design studio projects. Technological tools are an important component of a design toolset. The College of Architecture and Design maintains a fabrication lab, digital three-dimensional printers, print center, photography studio, and wood shop.**

#### Collaborate and Work in Multi-Disciplinary Teams

Students regularly participate in various community partnership projects either through a team based classroom project, or by working as part of a faculty-led research team. **Opportunities are provided to prepare students for a multi-disciplinary work environment by participating in team projects and sharing common coursework and classrooms across multiple disciplines.** Students participate in discussions, critiques, and reviews of their designs and ideas with professionals, faculty and students from a variety of disciplines.

#### Practice Creativity and Critical Thinking

The study of design is not easy. It is a long and slow process, but the journey is exciting, and the rewards are many. The Graphic Design program provides an undergraduate education focused on creative and intellectual thinking, awareness of individual, social, cultural, and communicative issues. ~~Students with a curiosity about the integration of new technology, and an interest in pursuing an innovative, cross-disciplinary research agenda, with an emphasis on engaged scholarship are encouraged.~~

Graphic Design studio courses are intensive, project-based courses that require time and intellectual commitment. We emphasize a process where students move through critical thinking to creative conceptualization. After numerous iterative explorations and articulate communication in the development of design projects, students are ready to present their ideas. The Graphic Design program is situated in a college that recognizes and cultivates a community of practice that supports learning by experimentation. Students learn to mutually support their creative explorations and participate in the critical evaluation of their work.

### **First-Year Curriculum Foundations**

~~In their initial year, students pursuing a Graphic Design degree will take the School of Design foundation program—an investigation into design as a making and communication field. Work conducted this year prepares students for applying to pursue the upper division Graphic Design curriculum.~~ The following **core foundation** courses must be completed before students can progress into the degree program as a graphic design major and before further graphic design classes may be taken.

GRDS 101 - Graphic Design Foundation Studio I  
GRDS 102 - Graphic Design Foundation Studio II  
GRDS 103 - Graphic Design Foundation Studio III  
GRDS 150 - The Idea of Design\*

Students are advised that successful completion of Portfolio Review (GRDS 200) is a prerequisite to all 200 level and above sequenced graphic design courses. ~~Continuing, returning, and transfer students must meet progression requirements before declaring a major in graphic design. This benchmark review is required for admittance into the upper division Graphic Design degree courses. Students will present specified projects from the foundational courses and conduct an interview with the Graphic Design faculty.~~

No grade below C in Graphic Design courses may be applied to the Bachelor of Fine Arts in Graphic Design degree. A minimum of 42 credit hours, 300-level or above, must be earned prior to graduation. A minimum of 120 total hours are required.

### **Sequenced Curriculum**

~~Post portfolio review, students engage in a sequence of courses that build upon one another in content and complexity. No grade below C in Graphic Design courses may be applied to the Bachelor of Fine Arts in Graphic Design degree. A minimum of 42 credit hours, 300-level or above, must be earned prior to graduation. A minimum of 120 total hours are required.~~

~~Continuing, returning, and transfer students must meet progression requirements before declaring a major in graphic design.~~

*Rationale: Text is more consistent with program mission. Impact on Other Academic Units: None. Financial Impact: None.*

## **SCHOOL OF INTERIOR ARCHITECTURE (IARC) Interior Architecture**

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Interior Architecture Major, BS in Interior Architecture – Master of Architecture Preparatory Track

Term 1	Hours	Milestone Notes
ARCH 121, ARCH 171	5	2.5 cumulative GPA
ENGL 101* or ENGL 118*	3	
IARC 101 or IARC 107	3	
IARC 221	2	
MATH 123* <sup>1</sup> Communicating Orally Elective*	3	
Term 3		
IARC 275	6	
ARCH 221, and ARCH 211* or ARCH 217*	5 2	2.5 cumulative GPA
<del>IARC 211 or IARC 217; and ARCH 211*, or ARCH 217*</del>	6	
IARC 261	3	
<del>IARC 271 and IARC 273</del>	6	
PHYS 161*	3	
Term 4		
IARC 276	6	
IARC 211 or IARC 217, IARC 321, IARC 361	8	2.5 cumulative GPA
<del>IARC 272, IARC 274, and IARC 321</del>	8	<del>IARC 276 IARC 272</del>
MATH 123*	3	
ARCH 212* or ARCH 218*	3	
Term 5		
IARC 375	6	
IARC 331, <del>IARC 371, IARC 373, IARC 460*</del>	2 12	2.5 cumulative GPA
ARCH 213*	3	<del>IARC 375 IARC 371</del>
<sup>1</sup> Communicating Orally Elective*	3	
Term 6		
IARC 376	6	
<sup>1</sup> Cultures and Civilizations Elective*	3	2.5 cumulative GPA
IARC 360, <del>IARC 372</del>	3 9	<del>IARC 376 IARC 372</del>
<sup>1</sup> Natural Sciences w/ Lab Elective*	4	
Term 7		
IARC 475	6	
<sup>1</sup> Social Sciences Elective*	3	2.5 cumulative GPA
IARC 480	3	Apply to graduate
<del>IARC 471 and IARC 473</del>	6	<del>IARC 475 IARC 471</del>
<del>ARCH 557 ARCH 547 –Structural Principles in Architecture</del>	4	
Term 8		
<sup>1</sup> Cultures and Civilizations Elective*	3	2.5 cumulative GPA
ARCH 542 <del>–Design III: Campus and Urban Architecture</del>	6	<del>IARC 474</del>
<del>ARCH 558 ARCH 548 –Materials and Methods in Architecture</del>	4	

Mid-  
impact:  
Revise  
program

*Rationale: Updated to reflect course revisions in IARC curriculum; changes to course sequences are to ensure that students take QR1 and PHYS 161 prior to taking IARC 361 QR2. IARC 361 was moved to allow students to gain the knowledge of lighting design prior to taking the more technically focused studios in 5<sup>th</sup> and 6<sup>th</sup> terms. Impact on Other Academic Units: None. Financial Impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Interior Architecture – Traditional Track

Term 1	Hours	Milestone Notes
ARCH 121, ARCH 171	5	2.5 cumulative GPA
ENGL 101* or ENGL 118*	3	
IARC 101 or IARC 107	3	
IARC 221	2	
MATH 123* <del><sup>1</sup>Communicating Orally Elective*</del>	3	
<b>Term 3</b>		
IARC 275	6	
ARCH 221	2	2.5 cumulative GPA
ARCH 211* or ARCH 217*; <del>and IARC 211 or IARC 217</del>	<del>3</del> 6	
<del>IARC 271, IARC 273</del>	6	
IARC 261	3	
PHYS 161*	3	
<b>Term 4</b>		
IARC 276	6	
IARC 211 or IARC 217, IARC 272, IARC 274, IARC 321, IARC 361	8	2.5 cumulative GPA
<del>IARC 264</del>	3	IARC 276 IARC 272
<del>MATH 123*</del>	3	MATH 123*
ARCH 212* or ARCH 218*	3	
<b>Term 5</b>		
IARC 375	6	
IARC 331, <del>IARC 371, IARC 373, IARC 460*</del>	<del>3</del> 42	2.5 cumulative GPA
<sup>1</sup> Communicating Orally Elective*, <sup>1</sup> Natural Sciences w/Lab Elective*	<del>7</del> 4	IARC 375 IARC 371
<b>Term 6</b>		
IARC 376	6	
<sup>1</sup> Cultures and Civilizations Elective*	3	2.5 cumulative GPA
IARC 360, <del>IARC 372</del>	<del>2</del> 8	IARC 376 IARC 372
<sup>1</sup> Social Sciences Elective*	3	
<b>Term 7</b>		
IARC 475 or IARC 476	6	
<sup>1</sup> Cultures and Civilizations Elective*	3	2.5 cumulative GPA
IARC 480	3	Apply to graduate
<del>IARC 471 and IARC 473</del>	6	<del>IARC 471</del>
<sup>2</sup> Professional Elective	3	
<b>Term 8</b>		
IARC 475, IARC 476 or IARC 477	6	

Open Elective <sup>1</sup> <del>Communicating through Writing Elective*</del>	3	2.5 cumulative GPA
<del>IARC 474, or IARC 477</del>	<del>6</del>	<del>IARC 474</del>
<sup>2</sup> Professional Elective	3	
<sup>2</sup> Professional Elective	3	

*Rationale: Updated to reflect course revisions in IARC curriculum; changes to course sequences are to ensure that students take QR1 and PHYS 161 prior to taking IARC 361 QR2. IARC 361 was moved to allow students to gain the knowledge of lighting design prior to taking the more technically focused studios in 5<sup>th</sup> and 6<sup>th</sup> terms. Impact on Other Academic Units: None.*

*Financial Impact: None.*

Mid-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Interior Architecture Studies Minor

#### Select 14 hours from the following:

- ARCH 496 – Design IX: Provocations – Collaborative Engagement (with interior design collaboration as approved by Director) **or**
- ~~ARCH 496S – Design IX: Provocations – Collaborative Engagement (with interior design collaboration as approved by Director)~~
- ~~IARC 361 – Lighting for Interior Architecture \*~~
- ~~IARC 460 – Lighting for Interior Architecture \*~~

*Rationale: Updated to reflect course revisions in ARCH and IARC curricula. Impact on Other Academic Units: None. Financial Impact: None.*

## SCHOOL OF LANDSCAPE ARCHITECTURE

Mid-  
impact:  
Add  
text

### ADD TEXT

(main department page)

### School of Landscape Architecture

#### Associate Professors

Collett, Brad, MLA – Ohio State  
Fulton, Gale (Director), MLA – Colorado  
Sachs, Avigail, PhD – California (Berkeley)

#### Adjunct Assistant Professors

Madl, Andrew, MLA – Harvard  
McDaniel, Scottie, MLA – Harvard  
Ross, Mike, MLA – Texas Tech  
Shoemaker, Caley, MLA - Tennessee

**Mission:** The mission of the School of Landscape Architecture at the University of Tennessee is to advance the discipline of landscape architecture as a robust field of inquiry and application.

We accomplish this mission by:

- Preparing a diverse population of students to critically and creatively engage the complex, multiscalar, socio-ecological challenges and potentials of the 21<sup>st</sup> century, thereby positioning them for leadership across a range of career trajectories.

- Developing and disseminating scholarly research and creative activity that makes meaningful contributions to advancing the discourse of the discipline and elevating living conditions in the communities it serves.
- Engaging local, state, and regional communities as a means to educate and excite the public imagination, develop, demonstrate and deploy innovative planning and design practices, and advocate for the advancement of the field.

**Values:** The School of Landscape Architecture is guided by the following values:

1. We are committed to the engagement of the medium of landscape as a critical, cultural practice, mindful of the incredible diversity of precedents, practices, and populations that are inherent in it.
2. We are committed to a progressive, evolving, integrated curriculum, which prepares students for speculative and practical realms of planning and design and that is situated in the context of grand socio-ecological challenges facing contemporary society.
3. We are committed to a discursive educational environment that engenders respect for diversity in all of its forms and meanings, and which privileges the production of diverse ideas and new modes of thought and action.
4. We are committed to the unique landscapes and cultures of our local and regional context, as well as to the reality that the local is inextricable from larger global flows, processes, and policies.
5. We are committed to the development of relevant, contemporary, technical skills, which are critically informed by the evolving theories, influences, and technologies shaping the field.

Landscape architecture is an intercollegiate program composed of faculty from the College of Architecture and Design and the Herbert College of Agriculture.

More information on the School of Landscape Architecture application process and deadlines is available on the College of Architecture and Design website, under Academic Programs.

The School of Landscape Architecture offers four degree pathways: the Master of Landscape Architecture (MLA), the Master of Arts in Landscape Architecture (MALA), the Master of Science in Landscape Architecture (MSLA), and the Dual Master of Architecture/Master of Landscape Architecture. The four landscape architecture degree options are distinguished from each other by the number of credit hours required and the focus of study.

The Master of Landscape Architecture (MLA) is a design-based professional degree that concludes with a design thesis or advanced design project. The MLA has a first-professional track (MLA-Track 1) that is designed to prepare students as critically-engaged practitioners, and a post-professional track (MLA-Track 2) that provides opportunities for research-oriented studies in areas of speculation and specialization.

The Master of Arts in Landscape Architecture (MALA) and the Master of Science in Landscape Architecture (MSLA) are for students who hold a bachelor's degree, an advanced degree in any field, or a first professional degree in landscape architecture. Students in these degree programs work with faculty advisors to craft a course of study in line with their career trajectory interests.

Retention in the school is contingent upon evidence of satisfactory progress toward the degree. Individual student progress will be reviewed each semester by the director. The School of Landscape Architecture Committee will review any questions regarding progress.

*Rationale: The School of Landscape Architecture proposes adding 400-level undergraduate course to eliminate confusion over graduate and undergraduate course enrollment and to make the courses more visible to undergraduate students. Currently the school identity only in the graduate catalog. This text provides context for these new courses. Impact on Other Academic Units: None. Financial Impact: None.*

**COLLEGE OF ARTS AND SCIENCES**

All changes effective Fall 2020

**COURSE CHANGES****DEPARTMENT OF ANTHROPOLOGY  
(ANTH) Anthropology**Low-  
impact:  
Revise  
course**REVISE TITLE, REVISE DESCRIPTION****ANTH 110 - Introduction to Biological Anthropology (3)**

Survey of the principles of human evolution, the examination of living primates, and the human fossil record toward appreciation of human biological variation.

*Formerly: ANTH 110 - Human Origins (3)*

*Survey of humanity's background, fossil primates, fossil human remains, and living races of humankind.*

*Rationale: The title of the course needs to be changed to reflect changes in anthropological terminology, as well as to clarify the intent of the course to students and align all intro course titles in department. Impact on other units: none, Financial impact: none.*

Low-  
impact:  
Revise  
course**REVISE TITLE, REVISE DESCRIPTION****ANTH 117 - Honors: Introduction to Biological Anthropology (3)**

Honors survey of the principles of human evolution, the examination of living primates, and the human fossil record toward appreciation of human biological variation.

*Formerly: ANTH 117 - Honors: Human Origins (3)*

*Honors survey of humanity's background, fossil primates, fossil human remains, and living races of humankind.*

*Rationale: The title of the course needs to be changed to reflect changes in anthropological terminology, as well as to clarify the intent of the course to students and align all intro course titles in department. Impact on other units: none, Financial impact: none*

Low-  
impact:  
Revise  
course**REVISE TITLE****ANTH 120 - Introduction to Archaeology (3)**

*Formerly: ANTH 120 - Prehistoric Archaeology (3)*

*Rationale: The title of the course needs to be changed to reflect changes in archaeological terminology, as well as to clarify the intent of the course to students. Impact on other units: none, financial impact: none*

Low-  
impact:  
Revise  
course**REVISE TITLE****ANTH 127 - Honors: Introduction to Archaeology (3)**

*Formerly: ANTH 127-Honors: Prehistoric Archaeology (3)*



*Rationale: The title of the course needs to be changed to reflect changes in archaeological terminology, as well as to clarify the intent of the course to students.*  
*Impact on other units: none, financial impact: none*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **ANTH 210 - Principles of Biological Anthropology (3)**

*Rationale: ANTH 210 is now ANTH 309, an upper division course. Impact on other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **ANTH 309 - Advanced Principles of Biological Anthropology (3)**

Mechanisms of biological evolution, variation, and adaptation in living humans. Concepts in bioarchaeology, demography, forensic anthropology, and disease are covered.

*(RE) Prerequisite(s): ANTH 110 or ANTH 117; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Rationale: this was formerly ANTH 210. This will change ANTH 210 into an upper division course. The class has the rigor expected of upper division course. Impact on other units: none, financial impact: none*

Equivalency:

Old Course	New Course
ANTH 210	ANTH 309

*Note that this course has applied for WC designation effective fall 2020, but the application has not yet been approved by the Gen Ed Committee.*

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S)**

#### **ANTH 321 – Anthropology of South Asia (3)**

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Formerly: No (RE) Prerequisite(s).*

*Rationale: Course was approved for WC and all WC courses must have this prerequisite.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **ANTH 364 - African Archaeology (3)**

This new course will provide an in-depth review of archaeology in Africa beginning with the emergence of modern humans, and covers the origins of food production, complex societies, and historical archaeology.

*(RE) Prerequisite(s): ANTH 120 or ANTH 127.*

*Rationale: This is a new class, developed by a recently hired tenure-track faculty in the subdiscipline of archaeology and represents an area of her expertise. Impact on other units: none, Financial impact: none.*

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S)**

#### **ANTH 423 – Anthropology of Gender (3)**

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Formerly: No (RE) Prerequisite(s).*

*Rationale: Course was approved for WC and all WC courses must have this prerequisite.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **ANTH 431 - Isotope Ecology (3)**

This new course will give graduate students and advanced undergraduates a thorough background in the principles and applications of stable isotope analysis in archaeology, ecology, and paleontology.

*Rationale: This is a new class, developed by a recently hired tenure-track faculty in the sub-discipline of archaeology and represents an area of her expertise. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION**

#### **ANTH 435 - Historical Archaeology Laboratory (3)**

Laboratory procedures for the processing, identification, and interpretation of artifacts from historical sites. Artifactual material from historic sites excavated by UT archaeologists will be used for class projects.

*Formerly: Laboratory procedures for the processing, identification, and interpretation of artifacts from historical sites. Artifactual material from historic East Tennessee sites will be used for class projects.*

*Rationale: The former course description relates to research of previous instructors (based in East Tennessee); the course currently uses artifacts from other regions as well. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S)**

#### **ANTH 449 - Big-data Social Sciences (3)**

Big-data research is now a major part of the social sciences, including anthropology. This course combining lectures with practical tutorials in computational approaches using digital data on cultural change, from ancient to contemporary social media. Students are encouraged to bring a laptop, but no programming experience is required.

*Formerly: ANTH 449 - Big-data Anthropology (3)*  
*Big-data research is now a major part of the social sciences, including anthropology. This course combines lectures with practical tutorials in computational approaches using digital data on cultural change, from ancient to contemporary social media. Students are encouraged to bring a laptop, but no programming experience is required.*  
*(RE) Prerequisite(s): 130 or 137 or 210.*

*Rationale: We want to change the title to more general "Big-data social sciences" so that the course can be offered as part of the new Data Science IDP. In any case "Big-data social sciences" describes the content better than the previous title ("Big-data anthropology"). We have also removed the pre-requisites for this reason, and they were not needed to succeed in the course. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **+ADD COURSE AND CROSS-LIST**

#### **+ANTH 465 - Archaeology of the Trojan War (3)**

*(cross listed with CLAS 465; CLAS 465 is primary)*

*Note that the primary course, CLAS 465 will also be created.*

*Rationale: This seminar was taught as a special topics course (CLAS 461) in SP 2019 with excellent student evaluations. Giving it its own course number will increase its visibility and allow it to be included in the new Vol Core curriculum as well as in the College's Connections Packages related to the ancient world. Impact on other units: cross list ANTH 465, CLAS is primary. AOC Vol Core course. Financial Impact: none.*

## **SCHOOL OF ART (ART) Art**

Low-  
impact:  
Revise  
course

### **REMOVE (RE) COREQUISITE(S)**

#### **ART 102 - Introduction to 4-D Studio Art (3)**

*Formerly: (RE) Corequisite(s): 101 or 103.*

*Rationale: Cinema Studies students will be required to take ART 102 but are not required to take 101 or 103. With the departure of Graphic Design from the School of Art, the foundations can now be taken in any order by art students and the corequisite is not necessary. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **ART 444 - Studio Art Research (1-6)**

*Active research investigations in faculty-led initiatives.*

*Repeatability: May be repeated. Maximum 6 hours.*

*Registration Permission: Consent of instructor.*

*Rationale: This course will provide an opportunity for undergraduate and graduate students to participate in, and learn from, faculty creative work and research. Impact on other units: none, financial impact: none.*

## **(ARTA) Art Two-Dimensional Arts**

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS**

#### **ARTA 496 – Capstone (3)**

*Formerly: ARTA 496 – Capstone (3-6)*

*Rationale: This course is consistently taught as 3 credit hours and culminates in a School of Art capstone exhibition. The capstone course is taught in two-dimensional (ARTA 496), three-dimensional (ARTB 496) and four-dimensional (ARTC 496) arts. All of these courses will be changed to 3 credit hours only. Impact on other units: none, financial impact: none.*

## **(ARTB) Art Three-Dimensional Arts**

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS**

#### **ARTB 496 – Capstone (3)**

*Formerly: ARTB 496 – Capstone (3-6)*

*Rationale: This course is consistently taught as 3 credit hours and culminates in a School of Art capstone exhibition. The capstone course is taught in two-dimensional (ARTA 496), three-dimensional (ARTB 496) and four-dimensional (ARTC 496) arts. All of these courses will be changed to 3 credit hours only. Impact on other units: none, financial impact: none.*

### **(ARTC) ART FOUR-DIMENSIONAL ARTS**

Low-  
impact:  
Revise  
course

#### **REVISE CREDIT HOURS**

#### **ARTC 496 – Capstone (3)**

*Formerly: ARTC 496 – Capstone (3-6)*

*Rationale: This course is consistently taught as 3 credit hours and culminates in a School of Art capstone exhibition. The capstone course is taught in two-dimensional (ARTA 496), three-dimensional (ARTB 496) and four-dimensional (ARTC 496) arts. All of these courses will be changed to 3 credit hours only. Impact on other units: none, financial impact: none.*

### **(ARTH) Art History**

Mid-  
impact:  
Add  
Course

#### **ADD COURSE**

#### **ARTH 410 - Art & Image in the Age of Pharaohs (3)**

Explores four thousand years of Egyptian art from the building of the Great Pyramids and the splendor of the New Kingdom to the achievements of its Hellenistic successors and beyond. Focuses on royal monuments, images of life, death, and afterlife along the Nile, mummies and funerary art, religion and temples, sculpture, luxury arts as well as objects of everyday life.

*Rationale: This is an area of great interest to our students, and there are no courses offered on Egyptian art as a discrete topic at UT. We also have a collection at the McClung Museum that could be used to support this course. Impact on other units: This course would be of particular interest to students in history and anthropology. It would also be of interest to those students taking arts and humanities courses.  
Financial impact: none*

### **DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY (BCMB) Biochemistry and Cellular and Molecular Biology**

Low-  
impact:  
Revise  
course

#### **REVISE GRADING RESTRICTION(S)**

#### **BCMB 200 - Introduction to Research in Biochemistry and Cellular and Molecular Biology (1)**

*Grading Restriction(s): Letter grade only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating grading restriction to comply with HOPE scholarship policies. Impact on other units: none. Financial impact: none.*

Low-  
impact:

#### **REVISE DESCRIPTION, REVISE COMMENT(S)**

#### **BCMB 422 - Computational Biology and Bioinformatics (3)**

Revise  
course

An introduction to the cutting-edge tools and approaches biologists and clinicians use to extract information from the vast amounts of genomic and proteomic data becoming available. Students gain hands-on experience with computational biology tools such as data mining, protein structure manipulation and prediction, interaction network analysis, DNA sequence analysis, gene function analysis, R studio for statistics and data visualization, and dimensionality reduction for large datasets. Students apply these tools to biomedical research questions in course projects.  
Comment(s): Helpful if students have taken or are taking BCMB 412. Registration without 401 co-requisites is possible with permission of instructor.

*Formerly: Topics include Internet biological resources and databases; bioinformatics tools of analyzing and comparing sequences for nucleic acids and proteins; computational structural biology tools for analyzing protein 3D structures and functions; application of computational tools in drug design.*  
Comment(s): Intended for seniors but open to juniors.

*Rationale: This course is now being taught by a new faculty member who has adjusted the focus toward the analysis of genomics and big data in biology rather than protein structure modeling. The protein structure side is well covered by BCMB 333, so this change makes the two courses complementary. Impact on other units: The course will continue to fulfill its previous role as a bioinformatics course, even better adapted to students with interest in Data Science and with learning goals in line with Engaged Inquiries (separate proposal submitted to VolCore committees). Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **BCMB 471 - Biophysical Chemistry (3)**

(RE) Prerequisite(s): BIOL 102 or BIOL 150-BIOL 159 or BIOL 113-BIOL 115 or equivalent; and CHEM 260, CHEM 359, CHEM 360.

*Formerly: (RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 260, 360, 369.*

#### **BCMB 481 - Biophysical Chemistry (3)**

(RE) Prerequisite(s): BIOL 102 or BIOL 150-BIOL 159 or BIOL 113-BIOL 115 or equivalent; and CHEM 260, CHEM 359, CHEM 360.

*Formerly: (RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 260, 360, 369.*

*Rationale: Chemistry is dropping CHEM 369 and recommending that students take CHEM 359. Impact on other units: none. Financial impact: none*

## **DIVISION OF BIOLOGY (BIOL) Biology**

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE GRADING RESTRICTION(S), ADD COMMENT(S), ADD REGISTRATION RESTRICTION(S)**

#### **BIOL 100 - Discovering Biology at UT (1)**

Intended for first-time UT students to explore the biological sciences major while developing skills and strategies for successful biology degree completion in a supportive environment. Students will learn study strategies to improve academic performance in biology, explore the three concentrations of the biology major, learn about and form academic and social support networks at UT, discuss career options, and plan their goals to graduation.

Grading Restriction(s): ABC/N grading only.

*Comment(s): Transfer students interested in this course should contact the instructor for permission.*

*Registration Restriction(s): Freshmen only.*

*Formerly: Discovering Biology at UT will provide skills and strategies for successful biology degree completion in a supportive environment. Students will practice learning strategies to improve academic performance in biology, explore the three concentrations of the biology major, learn about academic and social support networks at UT, and plan their goals to graduation.*

*Grading Restriction: A, B, C, No Credit grading.*

*Comment(s): none.*

*Registration Restriction(s): none.*

*Rationale: Description: I am requesting to change the course description in the catalogue to make it clear this course is for first-time UT students interested in the biological sciences major. This clarification will hopefully reduce the number of enrollments by sophomores interested only in the exploration of the biology degree portion of the course, upper-classmen looking for a 1-credit biology course and help transfer students understand they are eligible to take this course if interested. The other changes in what the students will do is only to improve the accuracy of the description of course content. Registration Restriction: I am requesting to make the temporary restriction enrollment a permanent change to this course. Bio 100 is designed as a first-year seminar specific to helping new undergraduate students transition to UT and explore their interest in the biological sciences major. Therefore, only students with 0-30 credit hours (most likely freshman or new students) should be eligible to enroll and ensure only first-time, first-year students are in this course. Other students (e.g. transfer students, sophomores, first-time students with high dual enrollment credit), could enroll with instructor permission should we determine their particular situation makes them more relatable to a freshman than their current standing. Impact on other units: none. Financial impact: none*

## DEPARTMENT OF CHEMISTRY (CHEM) Chemistry

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION

#### **CHEM 300 - Introductory Research in Chemistry (1)**

Introduction to the principles and practice of research in chemistry. Written report required.

*Formerly: Introduction to the principles and practice of research in chemistry for chemistry majors. Written report required.*

*Rationale Clarifying the description. We removed the requirement of "Chemistry Major" last year but the description still mentions chemistry majors. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **CHEM 306 - Chemistry Seminar (3)**

Survey of scientific ethics, data presentation, and research in the chemistry department. Discussions by faculty and students of current research and topics from recent chemical literature. Attendance at chemistry or related subject seminars from external speakers. Oral reports are required.

*(RE) Prerequisite(s): CHEM 260.*

*(RE) Corequisite(s): CHEM 210.*

*Registration Restriction(s): Chemistry major.*



*Rationale: We are adding a 3-credit hour (OC) course to satisfy the upcoming changes to the general education requirements. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE (RE) PREREQUISITE(S)**

#### **CHEM 311 - In Depth Analytical Chemistry (3)**

*(RE) Prerequisite(s): CHEM 210 and CHEM 219 and PHYS 136 or PHYS 138 or PHYS 222 and MATH 142 or MATH 148.*

*Formerly: CHEM 311 - Advanced Analytical Chemistry (3)*

*(RE) Prerequisite(s): 210 and 219 and Physics 136 and Mathematics 142.*

*Rationale: The physics requirement for the major changed last year but we overlooked the prerequisite for this course. Allowing Physics 222 to satisfy the physics requirement for the course is in alignment with the requirements of our major. We also added the honors versions of the physics and mathematics prerequisite courses to avoid prerequisite overrides. The name has been changed to match the rest of the catalog. Impact on other units: none. Financial Impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 340 - Foundation Selected Topics in Chemistry (3)**

*Topics of current significance in chemistry with an emphasis on interdisciplinary concepts.*

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit restriction: Only 6 hours may be applied to a major or minor in chemistry.*

*(RE) Prerequisite(s): CHEM 130 or CHEM 138.*

*(RE) Corequisite(s): CHEM 260.*

*Rationale: We are adding the selected topics class so that broadly interdisciplinary classes can be offered at the sophomore or junior level without requiring the consent of instructor for every student. Impact on other units: none. Financial Impact: none.*

Low-  
impact  
Revise  
course

### **REMOVE CREDIT RESTRICTION**

#### **CHEM 359 - In-depth Organic Chemistry Laboratory (1)**

*Formerly: Credit Restriction: May not be applied toward the major. Students may not receive credit for both 359 and 369.*

*Rationale: CHEM 369 is being dropped, so the restriction is no longer needed.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CHEM 369 - Organic Chemistry Laboratory – Preprofessional, Non-chemistry Majors (2)**

*Rationale: This course is being deleted as part of the organic lab revision that went into effect Fall 2019. Impact on other units: Other majors requiring CHEM 369 will need to update their requirements to state the need for CHEM 269 instead. financial impact: none.*

*Equivalency Chart*

Old course (dropped fall 2020)	New course (added fall 2019)
CHEM 369 Organic Chemistry Laboratory	CHEM 359 In-depth Organic Chemistry Laboratory



Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

**CHEM 380 - Foundations of Chemical Biology (3)**  
(RE) Prerequisite(s): CHEM 260.

*Formerly: (RE) Prerequisite(s): 130 or 138 and 260.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### DROP COURSE

**CHEM 405 - Topics in the development of Chemistry (3)**

*Rationale: This course has not been taught in many years and is being removed to clean up the catalog. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION

**CHEM 420 - In-depth Selected Topics in Chemistry (3)**

Topics selected with emphasis on multi-disciplinary areas within chemistry. Multiple foundation courses may be required as prerequisites.

*Formerly: CHEM 420 - Selected Topics in Chemistry (3)  
Topics of current significance in chemistry.*

*Rationale: We are adding a foundation selected topics course (Chem340) and are changing the title and description to better distinguish Chem340 and Chem420.  
Impact on other units: none. Financial impact: none.*

Low-  
impact  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

**CHEM 449 - Advanced Synthesis Laboratory (2)**

(RE) Prerequisite(s): 260 and 269 or 359 and 330 and 339; and English 102, 132, 290, or 298.

*Formerly: (RE) Prerequisite(s): 260 and 269 or 369 and 330 and 339; and English 102, 132, 290, or 298.*

*Rationale: CHEM 369 is being dropped.*

## DEPARTMENT OF CLASSICS (CLAS) Classics

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION(S) (multiple courses)

**CLAS 111 - Beginning Latin (4)**

Grading Restriction(s): ABC/N grading only.

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**CLAS 112 - Beginning Latin (4)**

Grading Restriction(s): ABC/N grading only.

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**CLAS 121 - Beginning Greek (4)**

Grading Restriction(s): ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

**CLAS 122 - Beginning Greek (4)**

Grading Restriction(s): ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

**CLAS 150 - Latin Transition (4)**

Grading Restriction(s): ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Updating grading to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****CLAS 256 - The Ancient World Reimagined (3)**

Examination of the reception of texts, ideas, and myth from the ancient Graeco-Roman world in later sources (textual, visual, or audiovisual media). Focused on the study of original works in translation and then their adaptations in different forms at varying times or places and for differing audiences. Attention will be paid to the changes in the stories, texts, and representations for each audience and why these might have occurred. Utilizing modern scholarship and reception studies, students will learn how to analyze texts and films and consider the biases and agenda of ancient and modern creators.

Writing-Emphasis course.

*Rationale: While Classics courses address the ancient world, they rarely discuss how the texts or materials have been adapted, modified, received, and consumed from antiquity into the modern world. This class fills that gap, explaining the context of the original, how it survived, changed, and, ultimately, is presented (and received) in a modern context. This class teaches students to analyze both ancient and modern creative works more critically. Impact on other units: none. Financial Impact: none.*

*Note that this course has applied for AH designation effective fall 2020, but the application has not yet been approved by the Gen Ed Committee.*

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION****CLAS 352 - Roman Lyric Poetry (3)**

Poetry of Catullus, Horace, and/or the elegists.

Formerly: Poetry of Catullus, Horace, and the elegists.

*Rationale: Clarifies that instructors with special expertise in the Roman love elegists, Tibullus, Propertius, and Ovid, have flexibility to rebalance course readings to take full advantage of their expertise. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**+REMOVE PREREQUISITES****CLAS 446 - Archaeological Statistics (3)**

(Same as Anthropology 446.)

*Formerly: (RE) Prerequisite(s): Anthropology 120 or 127 or Classics 232  
Cross-listed with ANTH 446. CLAS 446 is primary.*

*Note that the same revision will be made to the secondary course, ANTH 446.*

*Rationale: CLAS446, cross-listed with ANTH446, had required an introductory archaeological course as a prerequisite. In practice a prerequisite is not required for many of the concepts in the class, which involves the use of archaeological case studies as examples in statistical applications. Moreover, this course is proposed to be part of an IDP in Data Science in the College of Arts and Sciences and removing the unnecessary prerequisites for the class will enhance enrollment. Impact on other units: cross-listed ANTH 446. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CLAS 462 - Ancient Greek and Roman Technology (3)**

Short title: Greek and Roman Technology

Description: From the harnessing of fire, sun, wind, and water energy to the creation of the world's first computer, people of ancient Greece and Rome have developed a wide range of materials, machines, and constructions to make their lives easier, increase productivity or fulfill other needs in their increasingly complex societies. Many of their technological achievements have been influential in later times and are still admired today. This course focuses on the technological achievements of the ancient Greek and Roman world from the Stone Age to the Roman empire, and at times it will include the Near East and Egypt.  
Writing-Emphasis course.

*Rationale: This course has been taught as a special topics course (CLAS 461) in 2016 and 2018 with excellent student evaluations. Giving it its own course number will increase its visibility and allow it to be included in the College's Connections Packages related to the ancient world.  
Impact on other units: none. Financial impact: none*

Mid-  
impact:  
Add  
Course

### **+ ADD COURSE AND CROSS-LIST**

#### **+CLAS 465 - Archaeology of the Trojan War (3)**

Description: Seminar focusing on the physical and written evidence for the Trojan War and its historical context. Students compare cultural information from Homeric epics with archaeological and textual evidence from Troy, Anatolia, and the Aegean in the Late Bronze and Early Iron Ages in order to arrive at their own conclusions regarding the historicity of the Trojan War. Writing emphasis.  
(cross listed with ANTH 465; CLAS 465 is primary)

*Note that the secondary course, ANTH 465 will also be created.*

*Rationale: This seminar was taught as a special topics course (CLAS 461) in SP 2019 with excellent student evaluations. Giving it its own course number will increase its visibility and allow it to be included in the new Vol Core curriculum as well as in the College's Connections Packages related to the ancient world. Impact on other units: cross list ANTH 465, CLAS is primary. AOC Vol Core course. Financial Impact: none.*

## **DEPARTMENT OF EARTH AND PLANETARY SCIENCES (GEOL) Geology**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **GEOL 100 - Earth, Environment, and People (3)**

An introduction to Earth and its environments in the context of humanity. The course will provide the geologic foundation for discussions of climate change, air and water pollution, water resources, food and energy production, and mineral resources. Focus will be on impacts to natural systems that are required to sustain life on Earth, and the economic and social benefits of Earth's resources. The course will appeal to students who have cross-cutting interests in a variety of fields.

*Rationale: The new course, offered at the 100-level will be a lecture-only Natural Science general education course. All other EPS 100-level courses have a lab component. EPS did not offer such a course at the 100-level in the past and we have recognized the need for this Gen Ed and A&S Global Challenges option. Impact on other units: none, financial impact: none.*

*Note that this course has applied for NS/non-lab designation effective fall 2020 and has received approval by the Gen Ed Committee and is pending approval by the UG Council and Faculty Senate.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **GEOL 210 - Life, the Universe, and Everything (3)**

An introduction to the origin, evolution, distribution, and destiny of life in the universe that blends basic principles of geology, biology, and physics to discover where, and under what conditions, life can arise and exist in the universe.

*Rationale: Courses in the relatively new science of "astrobiology" are common entry points for STEM education, as well as popular courses for people with interest in science education, science journalism, and related fields. UT currently has courses taught at the majors-level (MICRO 333 – Mikucki) and at the graduate level (GEOL 640 – Kah), but no course dedicated to early undergraduates who are exploring future pathways. This course will specifically have no pre-requisites, and will serve as an exploratory course for a variety of undergraduates. Impact on other units: I have discussed this course with Jill Mikucki, who teaches a majors-level Astrobiology course in microbiology (taken by a combination of Micro and Geology undergraduates). In the future, we hope to co-list both of these courses across GEOL and MICRO, but not in its initial offering. Financial impact: none*

Mid-  
impact:  
Archive  
Course

### **ARCHIVE**

#### **GEOL 301 - Introduction to Scientific Field Methods and Analysis (3)**

*Rationale: course not taught in 4 years. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (DE) PREREQUISITE(S)**

#### **GEOL 462 - Environmental Aqueous Geochemistry (3)**

*(DE) Prerequisite(s): CHEM 130 and MATH 132, MATH 141, MATH 147, or MATH 151, or consent of instructor.*

*Formerly: (DE) Prerequisite(s): Chemistry 130 and Mathematics 141, 147, or 151, or consent of instructor.*

*Rationale: Since Math 132 and 141 will have the same learning outcome, either should be acceptable for a prerequisite. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **GEOL 471 - Applied Geophysics (3)**

(RE) Prerequisite(s): MATH 132 or MATH 141; PHYS 135 or PHYS 221.

Formerly: (RE) Prerequisite(s): Mathematics 141; Physics 135 or 221.

Rationale: Since Math 132 and 141 will have the same learning outcome, either should be acceptable for a prerequisite. Impact on other units: none. Financial impact: none.

Low-  
impact:  
Revise  
course

### REVISE (DE) PREREQUISITE(S)

#### GEOL 484 - Planetary Geodynamics (3)

(DE) Prerequisite(s): MATH 132 or MATH 141 and MATH 142, or MATH 147 and MATH 148 or MATH 151 and MATH 152, and EF 151 or EF 157 or PHYS 135 or PHYS 137 or PHYS 221.

Formerly: (DE) Prerequisite(s): Mathematics 141 and 142, or Mathematics 147 and 148 or Mathematics 151 and 152, and Engineering Fundamentals 151 or Engineering Fundamentals 157 or Physics 135 or Physics 137 or Physics 221.

Rationale: Since Math 132 and 141 will have the same learning outcome, either should be acceptable for a prerequisite. Impact on other units: none. Financial impact: none.

## DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY (EEB) Ecology and Evolutionary Biology

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### EEB 401 - Natural History Collections Research (1)

This course will introduce students to cutting edge collections-based research. We will explore topics such as biodiversity, conservation management, invasive species biology, anthropology, paleontology, ecology, evolution, scientific ethics, and advocacy that are informed by data from natural history collections.

Rationale: Previously taught under the Special Topics label. Providing this course with its own number will increase its profile making it more accessible to students. Impact on other units: none, financial impact: none

Mid-  
impact:  
Add  
course

### ADD COURSE

#### EEB 410 - Ecological and Evolutionary Developmental Biology (3)

This course will discuss how organisms develop and interact with their surrounding environment as well as their evolutionary history.

Rationale: Previously taught under the Special Topics label. Providing this course with its own number will increase its profile making it more accessible to students. Impact on other units: none, financial impact: none.

Short title: Eco-Evo-Devo

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### EEB 415 – Field Ecology (4)

(RE) Prerequisite(s): BIOL 260; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

Formerly: (RE) Prerequisite(s): BIOL 260.

Rationale: Course was approved for WC and all WC courses must have this ENGL prerequisite.

Mid-impact: Add course	<p><b>ADD COURSE</b></p> <p><b>EEB 415R – Field Ecology (4)</b> Learn scientific and professional development skills critical to becoming a professional Ecologist. Learn field methods to examine fundamental concepts in ecology, including skills in hypothesis development, experimental design, field observation, plant, animal and microbial sampling techniques, data reduction and statistical analysis, and written and oral presentations. Three weekend field trips required. <i>Contact Hour Distribution: 4 hours lab.</i> <i>(RE) Prerequisite(s): BIOL 260; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.</i></p> <p><i>The R-subcommittee recommends approval of this R-designated course.</i></p>
Low-impact: Revise course	<p><b>REVISE (RE) PREREQUISITE(S)</b></p> <p><b>EEB 433 – Plant Ecology (3)</b> <i>(RE) Prerequisite(s): BIOL 260; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.</i></p> <p><i>Formerly: (RE) Prerequisite(s): BIOL 260.</i></p> <p><i>Rationale: Course was approved for WC and all WC courses must have this ENGL prerequisite.</i></p>
Mid-impact: Add course	<p><b>ADD COURSE</b></p> <p><b>EEB 444 - Diversity of Fishes (4)</b> This course will explore the rich diversity of fishes in Tennessee. <i>Recommended background: BIOL 260.</i></p> <p><i>Rationale: Previously taught under the Special Topics label. Providing this course with its own number will increase its profile making it more accessible to students. Impact on other units: none, financial impact: none.</i></p>
Mid-impact: Add course	<p><b>ADD COURSE</b></p> <p><b>EEB 471 - Aquatic Macroecology and Conservation (4)</b> This course is designed to develop understanding of large-scale physical, chemical, and biological patterns and processes in different types of aquatic environments found on Earth. The impacts of anthropogenic activities on aquatic biodiversity and ecosystems will be explored. Students will be introduced to the collation and statistical analysis of publicly available data to answer important questions in aquatic ecology and conservation. <i>(RE) Corequisite(s): EEB 411, STAT 251, or permission of instructor.</i></p> <p><i>Rationale: Course has been taught under special topics. We would like to make the course permanent with its own number. Impact on other units: none, financial impact: none</i></p>
Mid-impact: Add course	<p><b>ADD COURSE, REQUEST VARIABLE TITLE</b></p> <p><b>EEB 476 - Theoretical Ecology and its Applications (3)</b> Ecosystems show an incredible diversity of dynamics. Theoretical ecology focuses on identifying generalizable principles that can help organize how we approach ecological data analyses and the design of experimental programs in the face of that complexity and richness. Ecological theory bounds what is possible, spotlights what is likely, and generates new hypotheses, thereby helping the ecological scientist to focus their research effort. Ecological theory also provides techniques that can help guide conservation management interventions. Topics may include but</p>



are not limited to: demographic modeling, community ecology, life history theory, protected area design, bioeconomics, behavioral ecology and more.

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

*(RE) Prerequisite(s): BIOL 260 and MATH 152 or MATH 142.*

*Rationale: As a course, Theoretical Ecology and its Applications will help students to identify cross-cutting themes and linkages across the EEB concentration and other fields. It will integrate ideas from applied mathematics, engineering, statistics and other disciplines and apply them to develop process-based models of ecological systems. Ecologists use these techniques to generate new hypotheses, bridge scales, integrate disparate data types, design statistical analyses, and to inform conservation and natural resource management practice. While some of the material can be touched on in other subject area courses (e.g., Invasive Species, Community Ecology), the risk inherent with such an idiosyncratic approach is that students miss opportunities to identify shared concepts and techniques and to organize their learning. Ecological theory provides an organizing spine around which students can organize more context specific ideas and concepts. For this reason, Theoretical Ecology is a major recognized subdiscipline within EEB with its own peer reviewed journals and sections of major professional societies. Many peer and aspirational peer institutions offer at least one specialized course in Theoretical Ecology for upper level undergraduate students. Ancillary benefits for students include that while exploring ecological research questions they will also be enriching their mathematical, statistical and computational training, all high demand skills area for subsequent careers. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

#### **ADD (RE) PREREQUISITE(S), REMOVE RECOMMENDED BACKGROUND**

##### **EEB 484 - Conservation Biology (3)**

*(RE) Prerequisite(s): BIOL 260.*

*Formerly: Recommended Background: Biology 260.*

*Rationale: In the past, BIOL 260 was recommended, but it would be better if it was required. Impact on other units: none. Financial impact: none.*

#### **DEPARTMENT OF ENGLISH (ENGL) English**

Low-  
impact:  
Revise  
course

#### **REVISE GRADING RESTRICTION(S) (multiple courses)**

##### **ENGL 101 - English Composition I (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

##### **ENGL 102 - English Composition II (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

##### **ENGL 118 - Honors English Composition (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

##### **ENGL 121 - Academic English for Undergraduate Students (3)**

*Grading Restriction(s): ABC/N grading only.*



Low-  
impact:  
Revise  
course

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating to comply with HOPE scholarship policies. Impact on other units: none.  
Financial impact: none.*

**REVISE TITLE, REVISE COMMENT(S), REVISE GRADING RESTRICTION(S)**

**ENGL 122 - Graduate Writing for International Students (3)**

*Comment(s): Students may take the course at any time during their first three years of graduate study. Recommended for graduate students with TOEFL scores of less than 100, or IELTS scores of less than 7.5.*

*Grading Restriction(s): ABC/N grading only.*

*Formerly: ENGL 122 - Academic English for Graduate Students (3)*

*Grading Restriction: A, B, C, No Credit grading only.*

*Comment(s): Admission based on TOEFL, IELTS, ACT, or SAT score, or by English Placement Exam.*

*Rationale: The Graduate School formerly required international students with low standardized test scores or English Placement Exam results to take ENGL 122. This requirement has been dropped, and we seek to revise the course comment to reflect this policy change. We also wish to change the course title to reflect the course content more accurately.*

*The Linguistics IDP has been informed of this proposal; please see attached memo.*

*Impact on other units: none, financial impact: none*

Low-  
impact:  
Revise  
course

**REVISE GRADING RESTRICTION(S) (multiple courses)**

**ENGL 131 - Composition for Non-Native Speakers of English I (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**ENGL 132 - Composition for Non-Native Speakers of English II (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**ENGL 198 - Chancellor's Honors Writing I (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**ENGL 290 - Intermediate Writing and Research (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

**ENGL 298 - Chancellor's Honors Writing II (3)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating to comply with HOPE scholarship policies*

*Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REMOVE REGISTRATION RESTRICTION(S)**

#### **ENGL 360 - Technical and Professional Writing (3)**

*Formerly: Registration Restriction(s): Minimum student level – junior.*

*Rationale: English 360 is the only English course that restricts enrollment to students with junior or senior standing. Courses that play a similar role in the other English major concentrations, such as ENGL 355 or ENGL 376, have no such barriers to entry, and we see no reason to deny access to students who have completed one of the approved prerequisites. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REMOVE CROSS-LISTING**

#### **+ENGL 490 - Language and Law (3)**

*Formerly: Same as Linguistics 490.*

*Cross-listed with LING 490; English is primary.*

*Rationale: LING 490 is being archived, so the cross-listing is being removed.*

## **DEPARTMENT OF GEOGRAPHY (GEOG) Geography**

Mid-  
impact:  
Drop  
course

### **+DROP COURSE**

#### **+GEOG 343 - Geography of Human Rights: Europe and Asia (3)** (Same as Africana Studies 342, GEOG is primary)

*Note that the secondary cross-listed course AFST 342 will also be dropped.*

*Rationale: Due to the popularity of GEOG 343-Geography of Human Rights, GEOG is expanding two courses, GEOG 349 and 350. GEOG 349 will focus on Europe and Asia and GEOG 350 on Africa and the Americas. Impact on other units: cross listed with AFST. Financial impact: none.*

Mid-  
impact:  
Add  
course

### **ADD COURSE**

#### **GEOG 349 - Geography of Human Rights: Europe and Asia (3)**

Human rights and social justice issues in Europe and Asia. Includes the Middle East.

*Rationale: Due to the popularity of GEOG 343-Geography of Human Rights, GEOG is expanding the course into this course as well as GEOG 350 which will focus on Africa and the Americas. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
course

### **ADD COURSE**

#### **GEOG 350 - Geography of Human Rights: Africa and the Americas (3)**

Human rights and social justice issues in Africa and the Americas (with special emphasis on the African diaspora).

*Rationale: Due to the popularity of GEOG 343-Geography of Human Rights, GEOG 343 is being dropped in order to expand the course into this course as well as GEOG 349 which will focus on Europe and Asia. Impact on other units: may cross list with AFST 350 at a later date; Africana Studies will consider adding a new course to cross-list with GEOG 350. Financial impact: none.*

Mid-  
impact:  
Add  
course

### ADD COURSE

#### **GEOG 372 - Geography of Africa (3)**

Comprehensive and systematic survey of the physical environment, natural resources, population, geographic regions, and potentialities of Africa, and the significance of this region in the economic and political affairs of the world.

*Rationale: Africa as a region is playing an ever increasingly important role in the global economic and political realms. However, few courses have been provided to the students to learn about this region and the complex human-environment interactions within. This course will serve a broad audience of students, and help to attract more geography majors, as it is diverse in topics, and shines light on a region not currently focused on in the U.S. education system. Impact on other units: none. Financial impact: none*

### **DEPARTMENT OF HISTORY (HIEU) History – Europe**

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **HIEU 339 - Humanitarianism and the Two World Wars (3)**

This course explores the catastrophic impact of the two world wars on European societies and how these crises shaped ideas of human rights and humanitarianism. Focusing primarily on the period 1914-1948, we will consider how governments, relief organizations, and international organizations framed discussions of human rights, sought to alleviate suffering, and create a more peaceful world. In addition to considering how human rights and humanitarian aid was envisioned by state actors and relief organizers, the students will also look at the actual application of these ideas and how populations experienced humanitarianism.

*Rationale: Our students would benefit from studying human rights and humanitarianism through examination of historical events, humanitarian policies that grew out of those events, and the practical application of those policies. We have a faculty member with expertise in this area. Impact to other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **HIEU 354 - Early Medieval Warfare (3)**

Transformation of warfare, society, and culture in Europe and the Mediterranean during the years 350-1000. Writing-emphasis course.

*Rationale: Students have expressed interest in warfare, especially warfare in the context of medieval Europe. War is obviously a phenomenon with very wide ramifications for all aspects of history. In response to student requests, the faculty member is expanding his course offerings in this area of his research. Impact on other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **HIEU 364 - Fascism and Anti-Fascism in Global History (3)**

Course examines fascism as a historical development in various parts of the world, but focuses particular attention on Europe, the Americas, and Asia. It also examines anti-fascist movements around the world from the 1920s to the present.

*Rationale: The rise of authoritarian, racist, ultra-nationalist, and fascist (or quasi-fascist) movements around the globe is one of the most pressing global issues of our time. Once assumed to belong firmly to the past, such movements' resurgence compels a historical reassessment. Students need a historical perspective to evaluate these movements -- and*

*movements antithetical to them -- in a sophisticated and critical manner. Impact on other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIEU 444 - Algeria, France, and the Violence of Decolonization (3)**

This course will focus on the Algerian Revolution of 1954-1962, a particularly violent chapter in France's colonial history. In France, the manner in which the war was fought raised unsettling and divisive questions about the use of torture, the nature of terrorism, resettlement camps, and imperialism more generally. Students will engage with both primary and secondary sources to learn about this conflict from the perspective of settlers, Algerians (in both Algeria and France), and the French. In addition to learning about scholarly debates and methodology, students will explore the role of memory and politics in shaping our understanding of this period of history.

*Rationale: The Algerian Revolution was a particularly violent chapter in France's colonial history. The French response raises questions about torture, resettlement camps, and imperialism with broad implications for French history and the history of all colonial powers. Students stand to benefit from exploring the role of memory and politics in shaping understanding of this period of history. Impact on other units: none, financial impact: none.*

### **(HIST) History**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIST 200 - Science, Medicine, and Technology in World Perspective (3)**

This course examines what we now call science, medicine and technology in the period up to 1500, and the emergence of science, biomedicine, and engineering as the globalization of particular ways of understanding and manipulating nature in the time since. It considers how the histories of science, medicine, and technology have been enmeshed in the course of world events, from colonial conquests and plagues to political revolutions and world wars.

*Rationale: On the basis of conversation with students and observation of enrollment trends, our faculty have noted an interest in the history of medicine, science, and technology among students. We are in the process of developing a concentration and a minor in this area. This course will introduce interested students to the history of science, medicine, and technology, and it will become the introduction to the minor and the concentration, as well, in due course. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION**

#### **HIST 299 - Thinking Historically (3)**

Fundamentals of the historian's craft. Variable content. Required for all majors including history honors students.

*Formerly: Fundamentals of the historian's craft. Variable content. Required for all majors except history honors students.*

*Rationale: There was an error made when the course was added. History majors doing the honors concentration must also complete HIST 299. This change will correct the description etc. Impact on other units: none. Financial impact: none*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIST 301 - Gender, Power, and Representation (3)**

Examination of how gender and sexuality have historically informed discussions about political and social power.

*Rationale: Given the current political climate and the rise in popular movements like #metoo, the importance of fostering inclusive conversations is increasingly clear. History can help us build inclusive conversations by analyzing how past societies defined and navigated difference across the ancient, medieval, or modern worlds. In particular, the study of gender from a historical perspective offers lessons about how to rectify unbalanced narratives and how to recognize structural problems that exclude certain voices. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIST 303 - War and Society Issues (3)**

This course examines the historical record of both world wars for insights into the causes of war, their precise social impact, and the long-lasting effects of conflict. Students evaluate suggestions for forestalling or even eliminating war and strategies for social reconstruction in its aftermath.

*Rationale: In "War and Society Issues", students will integrate their General Education experiences in a focused approach to the contemporary issue of war and society and possible solutions, understood from different historical perspectives, and building on their earlier General Education survey courses. They will choose one aspect of war and society (causes, impact, closure or continuation) as a theme to investigate and present their results both verbally and in writing in an integrated way, relating it to present-day news. This specific course will have connections to contemporary issues and their solutions that should make it suitable for the CIS graduation requirement. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

### **ADD REPEATABILITY**

#### **HIST 307 - Honors: Introduction/Historical Problems (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

*Formerly: Not repeatable.*

*Rationale: Originally HIST 307 was taught by one faculty member repeatedly over several years with the same content. Now it rotates frequently among faculty members, who teach different content. Students may thus wish to repeat the course and this change will permit that. Consent of the department honors coordinator is required for registration, which will prevent students from repeating the same content. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIST 365 - Medicine in Western Society (3)**

In this course, we explore the changing intellectual, economic, institutional and cultural relationships that have characterized medicine in the Western world from antiquity to the present. We consider the education of practitioners, locations of healing, and expectations that people had of medicine as ideas about the body and illness shifted with new discoveries and theories about health and disease. We examine the roles both of prominent individuals (Harvey, Pasteur, Ehrlich) and of general trends (industrialization, technology) in shaping medical practice and the medical professions.

*Rationale: Students preparing for careers in the health sciences will benefit from understanding the historical context of their field of study. The history of medicine connects to many aspects of US history, making a course on it important for history majors and minors with a special interest in American history. We have a new faculty member with this field of specialization. Impact on other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **HIST 399 - Technology and Innovation in Modern History (3)**

This course explores how culture and politics have shaped technological development, drawing on examples from the last three centuries. Historical topics are selected to shed light on contemporary controversies about the appropriate use of technology; students will examine contemporary debates about technology use in tandem with historical cases in which similar issues were at stake.

*Rationale: The history of technology is a field of research with important perspectives to add to contemporary discussions about technology use. Undergraduate classes in this historical subdiscipline are taught at many R-1 universities, either through general History departments or through programs in Science, Technology and Society. UT currently does not offer any classes in this area of humanistic and social scientific expertise. Due to recent hiring, the History Department now has sufficient faculty to offer a recurring course in this area. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION, ADD CREDIT RESTRICTION, ADD (RE) PREREQUISITE(S), ADD REGISTRATION PERMISSION

#### **HIST 407 - Honors: Senior Paper (3)**

Research for the senior thesis and completion of a partial draft. Required of students working for honors in history.

*Credit Restriction: Grade of A or B required for honors credit.*

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Registration Permission: Consent of honors director.*

*Formerly: Bibliographic search, research, and conceptual clarification for the senior paper.*

*No credit restriction, (RE) prerequisite(s), or registration permission.*

*Rationale: This update reflects the course as presently taught and revisions made to make it suitable for WC credit under the new Vol Core gen ed curriculum. This will help students fulfill their graduation requirements in a timely fashion. Impact on other units: none, financial impact: none.*

### **(HIUS) History – United States**

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **HIUS 339 - The History of Medicine in the Movies (3)**

In this course, we explore the social and cultural history of 20th and early 21st century American medicine through the depiction of health care practitioners and health care systems in Hollywood movies. We use films as our central primary source, watching thirteen movies during the semester. Movies reveal a great deal about what was taken for granted at the time of each film's production. We examine how a range of social and professional conditions affected medicine over a century, including gender and race relations; physicians' paternalism and patients' autonomy; medical technology and expectations for care and cure; and ethical and professional norms for medical research and decision-making in-patient care. Readings from a variety of secondary and primary sources help us to put these films into their historical contexts.

*Rationale: Students preparing for careers in the health sciences, as well as for history majors and minors with a special interest in American history, will want to learn about medicine and its*



*portrayal in American films. We have a new faculty with expertise in this area. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIUS 399 - Podcasting US History (3)**

Students in this course learn the skills needed to for creating podcasts while studying United States history. Students acquire abilities in oral communication and the technical aspects of podcasting, then create a podcast on a topic in US history. Historical content will vary by semester.

*Rationale: Podcasts are a popular form of media today, including among historians and UT students. This course will teach students the methods needed to prepare and present a historical podcast, including presentation approaches, oral communication skills, software use, and recording equipment. Students will benefit from learning how to present historical material in a manner suited for a general audience, and they will get valuable experience in creating media. Impact on other units: none, financial impact: none*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **HIUS 443 - Medicine and Healing in the Age of Slavery (3)**

This course centers on the relationship between the practices of medicine and healing in the Age of Slavery (from the 16th century to Emancipation, mainly in the U.S. and the British Caribbean, with some readings on Cuba and Brazil). Our readings will begin with the West's construction of race as a physical, medical, and biological "fact." We will contrast evidence of the realities of sickness under slavery and contemporary medical treatments with how enslaved communities used herbal healing traditions and other rituals employed to address afflictions of body and spirit. Finally, the class will consider the ethical implications of the intertwined history of slavery, race and science--and its legacies today.

*Rationale: This upper-division research seminar aims to bring together students interested in History, Anthropology, Religious Studies, Africana Studies, and Nursing to build better historical awareness of the deep entanglements of race and medicine in the modern world. A guided research project will allow students from various disciplines to build their skills in independent inquiry and rigorous use of primary and secondary sources. This course is unique to the University and aims to be a regularly scheduled elective for an emerging program/minor/certificate in Medical Humanities. Impact on other units: none, financial impact: none.*

## **INTERDISCIPLINARY PROGRAMS (AFST) Africana Studies**

Mid-  
impact:  
Drop  
course

### **+DROP COURSE**

#### **+AFST 342 - Geography of Human Rights (3)**

(Cross-listed with GEOG 343. GEOG 343 is primary and is also being dropped.)

*Rationale: This is a secondary cross listed course. GEOG 343 was primary. Due to the popularity of GEOG 343-Geography of Human Rights, it is being dropped in order to expand into two courses, GEOG 349 and 350. GEOG 350 will focus on Africa and the Americas. AFST will discuss the option of a new cross list with GEOG 350. Impact on other units: Cross listed with GEOG 343. GEOG is primary. Financial impact: none.*

## **(INPG) Interdisciplinary Programs**



Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **INPG 412 - Arts and Sciences Ambassador Training (variable 1-3)**

Instruction in the nature and value of a liberal arts education; practice in recruitment strategies; introduction to faculty and staff who represent the college and affiliated programs (ONSF, Center for Leadership and Service, etc.); support initiatives for the college.

*Grading Restriction(s): Letter grade only.*

*Repeatability: May be repeated. Maximum 10 hours.*

*Rationale: The Ambassador program is made up of current undergraduate students who represent the College of Arts and Sciences at recruitment events and individual and group tours. They also serve with the Dean's Student Advisor Committee and assist with development needs when necessary. Their training includes a course that provides instruction on the nature of the liberal arts, the disciplines and programs taught in this college, and opportunities for students who choose A&S majors/minors. The course also has a service component, and the students receiving professionalism and etiquette training. There is a reflection writing assignment required. Variable credit is requested because the course meeting times may be expanded from the current one credit hour per semester model. Course number is requested because we currently use INPG 400, which is also used by Neuroscience. This is causing enrollment issues. Impact on other units: Recruitment is a priority for the college and most departments. These students help in that capacity. Financial impact: none.*

### **(LAC) Latin American and Caribbean Studies**

Mid-  
impact:  
Drop  
Course

### **+DROP CROSS-LISTED COURSE**

#### **LAC 479 – Disenchanted Texts in Hispanic Literature (3)**

*(See SPAN 479.)*

*Cross-listed with SPAN 479; Spanish is primary.*

*Note that the primary cross-listed course is also being dropped.*

*Rationale: Primary course is being dropped. Impact on other units: cross-listed with SPAN 479. Financial impact: none.*

### **(LING) Linguistics**

Mid-  
impact:  
Archive  
course

### **+ARCHIVE**

#### **LING 490 - Language and Law (3)**

*Note LING 490 is secondary cross-listed with ENGL 490. Only the secondary course is being archived. The primary, ENGL 490, will remain active but will no longer be cross-listed with LING 490.*

*Rationale: Course not taught in 4 years. Impact on other units: none. Financial impact: none.*

### **DEPARTMENT OF MATHEMATICS (MATH) Mathematics**

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION(S)

#### **MATH 119 - College Algebra (3)**

*Grading Restriction(s): Satisfactory/No Credit grading only.*

*Formerly*

*MATH 119 College Algebra (3)*

*Grading Restriction: A, B, C, No Credit grading only*

*Rationale: updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **MATH 123 - Finite Mathematics (3)**

*(RE) Prerequisite(s): MATH 119 with a grade of C or better, or MATH 130 with a grade of C or better, or MATH 131 with a grade of C or better, or MATH 125 or MATH 132 or MATH 141 or MATH 147.*

*Formerly: (RE) Prerequisite(s): 119 with a grade of C or better, or 130 with a grade of C or better, or 125 or 141 or 147.*

*Rationale: Add Math 131-132 prerequisite because this new sequence will provide the same student learning outcomes as Math 130-141. Impact on other units: update advising documents, financial impact: none*

Low-  
impact:  
Revise  
course

### REVISE CREDIT RESTRICTION

#### **MATH 125 - Basic Calculus (3)**

*Credit Restriction: Students who receive a grade of C or better in MATH 132, MATH 141, MATH 147, or MATH 152 may not subsequently receive credit for MATH 125.*

*Formerly: Credit Restriction: Students who receive a grade of C or better in 141, 147, or 152 may not subsequently receive credit for 125.*

*Rationale: Add the credit restriction as the new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Impact on other units: update advising documents, financial impact: none.*

Low-  
impact:  
Revise  
course

### REMOVE GRADING RESTRICTION, REVISE CREDIT RESTRICTION, REVISE COMMENT(S)

#### **MATH 130 - Precalculus I (4)**

*Credit Restriction: Students who receive a grade of C or better in MATH 132, MATH 141, MATH 147, or 1 MATH 51 may not subsequently receive credit for MATH 130.*

*Comment(s): For students who satisfy the course prerequisites for MATH 132, MATH 141 or MATH 151, but whose placement test scores indicate additional preparation is necessary.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Credit Restriction: Students who receive a grade of C or better in 141, 147, or 151 may not subsequently receive credit for 130.*

*Comment(s): For students who satisfy the course prerequisites for 141 or 151, but whose placement test scores indicate additional preparation is necessary.*

*Rationale: The new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Grading restriction updated to comply with HOPE scholarship guidelines. Impact on other units: update advising documents, financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **MATH 131 - Calculus 1A Infused with Precalculus (3)**

Single variable calculus, infused with precalculus, especially for students of science, engineering, mathematics, and computer science. Differential calculus with applications and relevant precalculus.

*Credit Restriction: Students who receive a grade of C or better in MATH 141, MATH 147, or MATH 152 may not subsequently receive credit for MATH 131.*

*(RE) Prerequisite(s): appropriate placement exam score.*

*Rationale: The new course Math 131 will be the first in the sequence of two courses preparing students for Math 142 (Calculus II). The sequence is designed for students that are not ready to take Math 141 (Calculus I), and for those students it may replace the sequence Math 130 - 141. Impact on other units: Advising documents should be updated. Students placed into Math 131 should continue in Math 132 to be ready for Math 142. Financial impact: none.*

*The placement exam score is defined as:*

- ACT Math subscore: 25 - 36
- SAT Math subscore: 620 - 800
- Math Placement Exam Level 3: 080 - 9999
- Math Placement Exam Level 4: 080 - 9999

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **MATH 132 - Calculus 1B Infused with Precalculus (3)**

Continuation of 131.

*(RE) Prerequisite(s): MATH 131.*

*Rationale: The new course Math 132 will be the second in the sequence of two courses preparing students for Math 142 (Calculus II). The sequence is designed for students that are not ready to take Math 141 (Calculus I), and for those students it may replace the sequence Math 130 - 141. Students placed into Math 131 should continue in Math 132 to be ready for Math 142. Impact on other units: Advising documents should be updated. We recommend adding Math 132 as a prerequisite for any course currently having Math 141 as a prerequisite. If a program requires Math 141 to be passed with C, we recommend accepting Math 132 with C. Financial impact: none.*

Low-  
impact:  
Revise  
course

### ADD CREDIT RESTRICTION

#### **MATH 141 - Calculus I (4)**

*Credit Restriction: Students who receive a grade of C or better in MATH 132 may not subsequently receive credit for MATH 141.*

*Formerly: no credit restriction.*

*Rationale: Add the credit restriction as the new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **MATH 142 - Calculus 2 (4)**

*(RE) Prerequisite(s): MATH 132 or MATH 141 or MATH 147.*

*Formerly: (RE) Prerequisite(s): 141 or 147.*

Low-  
impact:  
Revise  
course

*Rationale: Add Math 132 as a possible prerequisite of Math 142 because the new sequence Math 131-132 will have the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

#### **REVISE CREDIT RESTRICTION**

##### **MATH 147 - Honors: Calculus I (4)**

*Credit Restriction: Credit will not be given for both MATH 147 and MATH 132, MATH 141, or MATH 152.*

*Formerly: Credit Restriction: Credit will not be given for both 147 and 141 or 152.*

*Rationale: Add the credit restriction as the new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

Low-  
impact:  
Revise  
course

#### **REVISE COMMENT(S)**

##### **MATH 148 - Honors: Calculus II (4)**

*Comment(s): Students should have a 32 mathematics ACT score or a 700 quantitative SAT score and credit for mathematics MATH 132 or MATH 141, an AP Calculus score of 5, or permission of the instructor to enroll.*

*Formerly: Comment(s): Students should have a 32 mathematics ACT score or a 700 quantitative SAT score and credit for mathematics 141, an AP Calculus score of 5, or permission of the instructor to enroll.*

*Rationale: The new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

Low-  
impact:  
Revise  
course

#### **REVISE CREDIT RESTRICTION**

##### **MATH 152 - Mathematics for the Life Sciences II (3)**

*Credit Restriction: Students who receive a grade of C or better in MATH 132 or MATH 141 cannot subsequently receive credit for MATH 152.*

*Formerly: Credit Restriction: Students who receive a grade of C or better in 141 cannot subsequently receive credit for 152.*

*Rationale: Add the credit restriction as the new sequence Math 131-132 will provide the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

Low-  
impact:  
Revise  
course

#### **REVISE (RE) PREREQUISITE(S)**

##### **MATH 171 - Computer Literacy for Mathematics (3)**

*(RE) Prerequisite(s): MATH 132 or MATH 141 or MATH 147.*

*Formerly: (RE) Prerequisite(s): 141 or 147.*

*Rationale: Add Math 132 as a possible prerequisite of Math 171 because the new sequence Math 131-132 will have the same student learning outcomes as Math 141. Impact on other units: update advising documents. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **MATH 295 - Introduction to Mathematical Sciences (1)**

Course description: Introduction to areas of study, degree options, career choices, and professional development in the mathematical sciences.

*Grading Restriction: Satisfactory/No Credit grading only.*

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Impact on other units: update advising documents. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **MATH 395 - Communicating Mathematics (1)**

Course description: Oral communication of mathematical ideas in various contexts from presentations to informal conversations and group work.

*Rationale: We propose to introduce a new 1-credit math course that will give our math majors an opportunity to develop their oral mathematical communication skills. Our goal is to apply for this course to satisfy the Applied Oral Communication (AOC) requirement of the new gen ed, so that it will provide a way for math majors to satisfy this gen ed requirement. This course will not be required for the major. Impact on other units: update advising documents. Financial impact: none.*

## **DEPARTMENT OF MICROBIOLOGY (MICR) Microbiology**

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **MICR 333 - Astrobiology (3)**

(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298 and one eight-credit sequence chosen from ASTR 151-ASTR 153 and ASTR 152-ASTR 154; ASTR 217-ASTR 218; BIOL 101-BIOL 102; BIOL 113-BIOL 114-BIOL 115; BIOL 150-BIOL 160-BIOL 159; BIOL 158-BIOL 168-BIOL 167; CHEM 100 and CHEM 110; CHEM 120 and CHEM 130; CHEM 128-CHEM 138; GEOG 131-GEOG 132; GEOG 137-GEOG 132; or two courses chosen from GEOL 101, GEOL 102, GEOL 103, GEOL 104, GEOL 107, GEOL 108; or PHYS 135-PHYS 136, PHYS 137-PHYS 138, or PHYS 221-PHYS 222.

Formerly: (RE) Prerequisite(s): One eight-credit sequence chosen from Astronomy 151-153 and 152-154; Astronomy 217-218; Biology 101-102; Biology 113-114-115; Biology 150-160-159; Biology 158-168-167; Chemistry 100-110; Chemistry 120-130; Chemistry 128-138; Geography 131-132; Geography 137-132; or two courses chosen from Geology 101, 102, 103, 104, 107, 108; or Physics 135-136, 137-138, or 221-222.

*Rationale: Update prerequisites to include English 102, 132, 290, or 298. This will update the course for our petition to the General Education Curriculum Committee and Vol Core to have MICR 333 serve as a WC course. Impact on other units: None. Financial impact: none.*

## **DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES (ARAB) Arabic**

Low-  
impact:

### REVISE GRADING RESTRICTION

Revise  
course

**ARAB 121 - Elementary Arabic I (4)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**REVISE GRADING RESTRICTION, ADD (RE) PREREQUISITE(S)****ARAB 122 - Elementary Arabic II (4)**

*Grading Restriction: ABC/N grading only.*

*(RE) Prerequisite(s): ARAB 121 with grade of C or better.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*No (RE) prerequisite(s).*

*Rationale: Requiring students to receive a C or better in the previous course will ensure that they are adequately prepared to move on. Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)****ARAB 222 - Intermediate Arabic II (4)**

*(RE) Prerequisite(s): ARAB 221 with grade of C or better.*

*Formerly: (RE) Prerequisite(s): 221.*

*Rationale: Requiring students to receive a C or better in the previous course will ensure that they are adequately prepared to move on. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

**+REMOVE (DE) PREREQUISITE(S), ADD (RE) PREREQUISITE(S)****ARAB 331 - Advanced Arabic I (3)**

*(Same as MEST 331.)*

*(RE) Prerequisite(s): ARAB 222 with grade of C or better.*

*Formerly: (DE) Prerequisite(s): 221 and 222 or by placement test.*

*No (RE) Prerequisite(s).*

*Note that the same revision must be made to the secondary cross-listed course MEST 331.*

*Rationale: Requiring students to receive a C or better in the previous course will ensure that they are adequately prepared to move on. Impact on other units: Cross listed with MEST 331. ARAB is primary. Financial impact: none.*

Low-  
impact:  
Revise  
course

**+REMOVE (DE) PREREQUISITE(S), ADD (RE) PREREQUISITE(S)****ARAB 332 - Advanced Arabic II (3)**

*(Same as MEST 332, ARAB is primary)*

*(RE) Prerequisite(s): ARAB 331 with grade of C or better.*

*Formerly: (DE) Prerequisite(s): 331 or by placement test.*

*No (RE) Prerequisite(s).*

*Note that the same revision must be made to the secondary cross-listed course MEST 332.*

*Rationale: Requiring students to receive a C or better in the previous course will ensure that they are adequately prepared to move on. Impact on other units: cross listed with MEST 332, ARAB is primary. Financial impact: none.*

## (CHIN) Chinese

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **CHIN 131 - Elementary Chinese I (4)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **CHIN 132 - Elementary Chinese II (4)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

## (FREN) FRENCH

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **FREN 111 - Elementary French I (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **FREN 112 - Elementary French II (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **FREN 123 - Intensive Elementary French (6)**

*Grading Restriction: ABC/N grading only.*



Low-impact: Revise course	<p><i>Formerly: Grading Restriction: A, B, C, No Credit grading only.</i></p> <p><i>Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.</i></p> <p><b>REVISE GRADING RESTRICTION</b></p> <p><b>FREN 150 - Intermediate French Transition (3)</b>  <i>Grading Restriction: ABC/N grading only.</i></p> <p><i>Formerly: Grading Restriction: A, B, C, No Credit grading only.</i></p> <p><i>Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.</i></p>
Mid-impact: Drop Course	<p><b>DROP COURSE</b></p> <p><b>FREN 430 - Theatrical French (4)</b></p> <p><i>Rationale: No faculty able to teach this course and no plans to hire a replacement. Impact on other units: none. Financial impact: none.</i></p>
Low-impact: Revise course	<p><b>REVISE TITLE</b></p> <p><b>FREN 450 - Special Topics in French and Francophone Literature (3)</b></p> <p><i>Formerly: FREN 450 - Special Topics (3)</i></p> <p><i>Rationale: Students regularly need to petition this topics class as a literature requirement; we are adding a new class, FREN 455 - Special Topics in French and Francophone History and Culture, to cover topics that are not literature oriented. Impact on other units: none, financial impact: none.</i></p>
Mid-impact: Add Course	<p><b>ADD COURSE, REQUEST VARIABLE TITLE</b></p> <p><b>FREN 455 - Special Topics in French and Francophone History and Culture (3)</b>          Selected topics in French studies.  <i>Repeatability: May be repeated if topic differs. Maximum 9 hours.</i>  <i>(RE) Prerequisite(s): FREN 353.</i></p> <p><i>Rationale: This new class will complement FREN 450, which was "Special Topics" and will now become "Special Topics in French and Francophone Literature". Impact on other units: none, financial impact: none.</i></p>

**(GERM) German**

Low-impact: Revise course	<p><b>REVISE GRADING RESTRICTION</b></p> <p><b>GERM 111 - Elementary German I (3)</b>  <i>Grading Restriction: ABC/N grading only.</i></p> <p><i>Formerly: Grading Restriction: A, B, C, No Credit grading only.</i></p> <p><i>Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.</i></p>
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Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **GERM 112 - Elementary German II (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **GERM 123 - Intensive Elementary German (6)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **GERM 150 - Intermediate German Transition (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION, REMOVE REPEATABILITY

#### **GERM 325 - The German Graphic Novel (3)**

This course examines contemporary German comics and graphic novels and exposes students to the scholarly methods used to study them. The course's key aim is to expand students' German vocabularies and understanding of complex syntactic structures. Readings and Discussion in German.

*Formerly: GERM 325-Readings in German (3)*

*Topics in both literary and nonliterary fields. Students or student groups are encouraged to suggest topics for future courses. Writing-emphasis course.*

*Repeatability: May be repeated. Maximum 6 hours.*

*Rationale: The general course title for German 325 (Readings in German) obscures what the content of this course actually is: graphic novels. The revised title German 325 "The German Graphic Novel" and the revised course description will make the nature of this course clearer to students. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Drop  
Course

### DROP COURSE

#### **GERM 331 - Elements of German for Upper-Division and Graduate Students (3)**

*Rationale: German will follow the model of offering a single, intensive preparatory grammar-translation course as it is commonly done at many other institutions. The revised GERM 332 course replaces the current course sequence GERM 331 and GERM 332 so that there is no*

longer a need for GERM 331. The revised GERM 332 course will allow graduate students in fields such as English, history, and philosophy to progress more efficiently towards the completion of the language requirement in their graduate degree program. Impact on other units: none, financial impact: none.

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REVISE GRADING RESTRICTION, ADD CREDIT RESTRICTION, REMOVE (RE) PREREQUISITE(S), REVISE COMMENT(S)**

**GERM 332 - Elements of German for Upper-Division and Graduate Students (3)**

Elements of language, elementary and advanced readings, and written translation practice.

Grading Restriction(s): ABC/N grading only.

Credit Restriction: No credit will be granted to students who have completed GERM 111 and GERM 112, or GERM 123.

Comment: Open to graduate students (for undergraduate credit) preparing for language examinations and upper-division students desiring reading knowledge of the language. It is designed for students with no previous or German or some minimal preparation in the language.

*Formerly: Elements of language, elementary and advanced readings and a final 10,000-word translation project.*

*(RE) Prerequisite(s): 223 or 331 or 211 and 212.*

*Grading Restriction(s): A, B, C, No Credit grading only.*

*Comment(s): Open to graduate students (for undergraduate credit) preparing for language examinations and upper-division students desiring reading knowledge of the language.*

*Rationale: German will follow the model of offering a single, intensive preparatory grammar-translation course as it is commonly done at many other institutions. The revised GERM 332 course replaces the current course sequence GERM 331 and GERM 332. The revised GERM 332 course will allow graduate students in fields such as English, history, and philosophy to progress more efficiently towards the completion of the language requirement in their graduate degree program. To comply with state regulations for the HOPE scholarship. Impact on other units: None. Most graduate programs requiring reading knowledge of German already specify completion of German 332 at a specific grade level; 331 was a prerequisite to 332 but with this change coverage of the material will be handled in one course. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**GERM 373 - Fairy Tales and Their Afterlives (3)**

In this course we will read fairy tales from Germany and other national traditions, from the Brothers Grimm to Disney. Students will analyze texts in a series of scaffolded writing assignments to develop expressive and scholarly writing skills.

Readings and discussion in English.

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Rationale: Currently this course content is offered as one of several iterations of German 363 ("Modern German Cultures"); assigning a separate course number will facilitate conforming to new Vol Core requirements. Impact on other units: Will apply for WC and AH in new Vol Core, financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**GERM 383 – Aiming at Sustainability: Approaches to 21st Century Global Challenges in German-Speaking Countries (3)**

This course focuses on environmental history and politics in the German-speaking countries.

Historical documents, policies, strategy reports, and other sources (literature, film, art, etc.) serve

as foundation for analyzing selected historical and contemporary examples from the local, state, and national levels.

Readings and discussions in English.

(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

*Rationale: Currently this course content is offered as one of several iterations of German 363 ("Modern German Cultures"); assigning a separate course number will facilitate conforming to new Vol Core requirements. Impact on other units: Will apply for WC, OC, AH, GCI, and EI in new Vol Core. Financial impact: none.*

Short title: Sustainability/German Studies

Low-  
impact:  
Revise  
course

### **+ADD REPEATABILITY**

#### **GERM 423 - Themes and Genres in German Cinema (3)**

(Same as Cinema Studies 423.)

*Repeatability: May be repeated if topic differs. Maximum 6 hours.*

*Formerly: not repeatable.*

*Cross-listed. German is primary.*

*Note this revision must also be made to the secondary course, CNST 423.*

*The course title is intentionally broadly defined to make it possible to offer courses that focus on different themes and genres in German cinema under this course number. The requested change will allow students to repeat this course if the topic is different.*

*Impact on other units: same as cinema studies 423. GERM is primary. Financial impact: none*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION**

#### **GERM 477 - German Honors (1)**

Preparation of a proposal and an outline for an honors paper or an honors portfolio.

*Formerly: Preparation of a proposal and an outline for an honors paper.*

*Rationale: Students in the German Honors Concentration have two options to complete their senior honors requirement: They can write an honors thesis or prepare an honors portfolio. The latter is not reflected in the current description for GERM 477. The proposed change aims at clarifying that there are these two options. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **GERM 498 - Senior Honors Project (1-6)**

Preparation of an honors thesis or an honors portfolio, and oral presentation and defense of this senior honors project to a faculty committee.

*Repeatability: May be repeated. Maximum 6 hours.*

(RE) Prerequisite(s): GERM 477.

Comment(s): A maximum 6 credit hours can be counted towards the Honors German Concentration.

Registration Permission: Consent of program chair.

*Rationale: Within the Modern Foreign Languages and Literatures Major (BA) there is an "Honors German Concentration." Students who are enrolled in this concentration need to prepare an honors thesis or an honors portfolio. There is a course number for preparation of a proposal and an outline for an honors paper (German 477) but there is currently no designated German course number for the honors project itself. Instead of having students sign up for independent study*

hours in order to complete their senior honors projects, a designated course that illustrates more adequately on students' academic histories that they completed an honor project should be added. Impact on other units: none, financial impact: none.

### (HEBR) Hebrew

Low-  
impact:  
Revise  
course

#### REVISE CREDIT HOURS, REVISE GRADING RESTRICTION

##### HEBR 141 - Elementary Modern Hebrew I (3)

Grading Restriction: ABC/N grading only.

Formerly: HEBR 141 - Elementary Modern Hebrew I (4)

Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Changing the credit hours to 3 will bring the course in line with a number of other MFL languages and will help increase enrollments by making the course fit more easily into students' schedules. Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

#### REVISE CREDIT HOURS, REVISE GRADING RESTRICTION

##### HEBR 142 - Elementary Modern Hebrew II (3)

Grading Restriction: ABC/N grading only.

Formerly: HEBR 142 - Elementary Modern Hebrew II (4)

Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Changing the credit hours to 3 will bring the course in line with a number of other MFL languages and will help increase enrollments by making the course fit more easily into students' schedules. Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none, financial impact: none.*

Low-  
impact:  
Revise  
course

#### REVISE CREDIT HOURS

##### HEBR 242 - Intermediate Modern Hebrew II (3)

Formerly: HEBR 242 - Intermediate Modern Hebrew II (4)

*Rationale: Changing the credit hours to 3 will bring the course in line with a number of other MFL languages and will help increase enrollments by making the course fit more easily into students' schedules. Impact on other units: none, financial impact: none.*

Mid-  
impact:  
Add  
Course

#### ADD COURSE

##### HEBR 341 - Advanced Modern Hebrew I (3)

This course focuses on developing advanced reading, writing, speaking, and listening skills through exposure to a variety of vocabulary, grammatical concepts, and authentic materials on a variety of topics.

(RE) Prerequisite(s): HEBR 242 with grade of C or better.

*Rationale: This course will help the Hebrew program to meet the needs of students who want to continue past the intermediate level, and it will bring the program's offerings in line with the other languages in MFL, all of which offer at least 3 years of instruction. It will also allow the program to offer a Hebrew minor in the near future. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

## ADD COURSE

### HEBR 342 - Advanced Modern Hebrew II (3)

This course focuses on developing advanced reading, writing, speaking, and listening skills through exposure to a variety of vocabulary, grammatical concepts, and authentic materials on a variety of topics.

*(RE) Prerequisite(s): HEBR 341 with a grade of C or better.*

*Rationale: This course will help the Hebrew program to meet the needs of students who want to continue past the intermediate level, and it will bring the program's offerings in line with the other languages in MFLL, all of which offer at least 3 years of instruction. It will also allow the program to offer a Hebrew minor in the near future. Impact on other units: none, financial impact none.*

## (ITAL) Italian

Low-  
impact:  
Revise  
course

## REVISE GRADING RESTRICTION

### ITAL 111 - Elementary Italian I (3)

Grading Restriction: ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

## REVISE GRADING RESTRICTION

### ITAL 112 - Elementary Italian II (3)

Grading Restriction: ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

## REVISE GRADING RESTRICTION

### ITAL 123 - Intensive Elementary Italian (6)

Grading Restriction: ABC/N grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

## ADD COURSE

### ITAL 146 - Introduction to Basic Italian Pronunciation (3)

Online course in Italian pronunciation. Students improve their Italian pronunciation by understanding phonetic sounds and learning correct use of facial muscles to master their pronunciation skills. It will also help students increase their Italian vocabulary. Students who have an academic and professional connection to Italian are encouraged to attend, as the course will particularly look at the pronunciation of words in the fields of architecture, art, business, culinary arts, film, language arts, literature, music, theatre and travel.

*Comment(s): This course does not count for credits towards minoring or majoring in Italian.*



*Instructional Method: 02-Internet/web based.*

*Rationale: There is just one online course in Italian (Italian 123 in the summer) in our curriculum and no course specifically dedicated to Italian pronunciation. This course fills a need for students who are planning to study abroad in Italy, major or minor in Italian, speak Italian (e.g. musicians, artists, historians) or work or travel in Italy. Also hope to offer through Vols Online (distance education). Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S)**

#### **ITAL 314 - Highlights of Italian Civilization, Culture, and Identity (3)**

Examination of past and present Italian culture and identity as shaped by its political, religious, artistic, literary, and historical contexts. Taught in English.

*Formerly: ITAL 314 - Highlights of Italian Civilization (3)  
Survey of Italian civilization with special attention to major social, political, and cultural achievements. Taught in Italian.  
(RE) Prerequisite(s): 212.*

*Rationale: The Italian area needs a course that is taught in English and focuses on its past and present culture and identity, within the context of its history, religions, politics, immigration trends, etc. This course is a revision to an older course and it will focus on more contemporary questions and themes. When taught in Italy, it will make use of excursions and interviews with Italians.  
Impact on other units: none. Financial Impact: none.*

### **(JAPA) Japanese**

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **JAPA 151 - Elementary Japanese I (4)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **JAPA 152 - Elementary Japanese II (4)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

### **(PERS) Persian**

Low-  
impact:  
Revise  
course

### **+REVISE CREDIT HOURS, REVISE CROSS-LISTING, ADD GRADING RESTRICTION**

#### **PERS 161 - Elementary Persian I (3)**

*Persian is primary, Asian Studies 161 is secondary.  
Grading Restriction: ABC/N grading only.*



Formerly: PERS 161-Elementary Persian I (4)  
Asian Studies 161 was primary, PERS 161 was secondary.  
No Grading Restriction.

*Note: This revision will also be applied to the cross-listed course ASST 161.*

*Rationale: All classes meet 3 hours a week, not 4 hours. Elementary Persian is the only elementary language that is not ABC/NC. The college is revising the cross-listing to make MFL the home department, which is a better fit for all foreign languages. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**+REVISE CREDIT HOURS, REVISE CROSS-LISTING, ADD GRADING RESTRICTION**

**PERS 162 - Elementary Persian II (3)**

*Persian is primary, Asian Studies 162 is secondary.  
Grading Restriction: ABC/N grading only.*

Formerly: PERS 162-Elementary Persian II (4)  
Asian Studies 162 was primary, PERS 162 was secondary.  
No Grading Restriction.

*Note: This revision will also be applied to the cross-listed course ASST 162.*

*Rationale: All classes meet 3 hours a week, not 4 hours. Elementary Persian is the only elementary language that is not ABC/NC. The college is revising the cross-listing to make MFL the home department, which is a better fit for all foreign languages. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**+REVISE CREDIT HOURS, REVISE CROSS-LISTING, ADD GRADING RESTRICTION**

**PERS 261 - Intermediate Persian I (3)**

*Persian is primary, Asian Studies 261 is secondary.  
Grading Restriction: ABC/N grading only.*

Formerly: PERS 261-Intermediate Persian I (4)  
Asian Studies 261 was primary, PERS 261 was secondary.  
No Grading Restriction.

*Note: This revision will also be applied to the cross-listed course ASST 261.*

*Rationale: All classes meet 3 hours a week, not 4 hours. Persian is the only language that is not ABC/NC. The college is revising the cross-listing to make MFL the home department, which is a better fit for all foreign languages. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**+REVISE CREDIT HOURS, REVISE CROSS-LISTING, ADD GRADING RESTRICTION**

**PERS 262 - Intermediate Persian II (3)**

*Persian is primary, Asian Studies 262 is secondary.  
Grading Restriction: ABC/N grading only.*

Formerly: PERS 262-Intermediate Persian II (4)  
Asian Studies 262 was primary, PERS 262 was secondary.  
No Grading Restriction.

*Note: This revision will also be applied to the cross-listed course ASST 262.*

*Rationale: All classes meet 3 hours a week, not 4 hours. Persian is the only language that is not ABC/NC. The college is revising the cross-listing to make MFLL the home department, which is a better fit for all foreign languages. Impact on other units: none. Financial impact: none.*

## (PORT) Portuguese

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **PORT 111 - Elementary Portuguese (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **PORT 112 - Elementary Portuguese (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **PORT 123 - Intensive Elementary Portuguese (6)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PORT 300 - Portuguese for Speakers of Another Romance Language (3)**

Accelerated class for beginning students of Portuguese with a strong background in another Romance language. Introduction to grammar, reading, and the culture of Portugal and Brazil. *Recommended Background: 3 hours at the 300 level in another Romance language.*

Equivalence Table

Old Course	New Course
PORT 400	PORT 300

*Rationale: This is a course number change for recruiting purposes. It replaces Port 400. Currently, as Port 400, most students wait to take it in their senior year. By changing it to Port 300, students will naturally take it sooner, in their junior year (ideally) and still have time to complete a minor or take other upper-division classes in Portuguese. This is the gateway class for most Portuguese minors. Impact on other units: Impact on other units: MFLL: LWB/Hispanic Studies Concentration and LWB/Portuguese concentration. LAC: Brazilian Studies Track, General studies Track. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REVISE RECOMMENDED BACKGROUND**

#### **PORT 301 - Cultural Readings in Portuguese (3)**

*(Same as LAC 301. Portuguese is primary.)*

*Recommended Background: 212 or 223 or 300.*

*Formerly: Recommended Background: 212 or 223 or 400.*

*Note that the same revision will be made to the secondary course.*

*Rationale: PORT 400 is being dropped and replaced with PORT 300. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REVISE RECOMMENDED BACKGROUND**

#### **PORT 303 - Highlights of Brazilian Civilization (3)**

*(Same as LAC 303. Portuguese is primary.)*

*Recommended Background: 212 or 223 or 300.*

*Formerly: Recommended Background: 212 or 223 or 400.*

*Note that the same revision will be made to the secondary course.*

*Rationale: PORT 400 is being dropped and replaced with PORT 300. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE RECOMMENDED BACKGROUND**

#### **PORT 309 - Intermediate Conversation and Composition (3)**

*Recommended Background: 212 or 223 or 300.*

*Formerly: Recommended Background: 212 or 223 or 400.*

*Rationale: PORT 400 is being dropped and replaced with PORT 300. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **PORT 400 - Portuguese for Speakers of Another Romance Language (3)**

*Rationale: Port 400 will be replaced by Port 300 in the Undergraduate programs and concentrations listed above, and by Port 501 in the Graduate Catalog. Impact on other units: none. Financial impact: none.*

Equivalence Table

Old Course	New Course
PORT 400	PORT 300

### **(RUSS) Russian**

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **RUSS 101 - Elementary Russian (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

Low-  
impact:  
Revise  
course

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

### **REVISE GRADING RESTRICTION**

#### **RUSS 102 - Elementary Russian (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

### **(SPAN) Spanish**

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **SPAN 111 - Elementary Spanish I (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **SPAN 112 - Elementary Spanish II (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **SPAN 123 - Intensive Elementary Spanish (6)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **SPAN 150 - Transition to Intermediate Spanish (3)**

*Grading Restriction: ABC/N grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: Updating grading restriction to comply with HOPE scholarship guidelines. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

**DROP****SPAN 300 - Transition: Composition and Grammar through Reading (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Span 300 (transition to upper-level Spanish), 305 (Conversation) and 323 (Grammar) are being replaced by a 2-course sequence that is more balanced in nature (SPAN 311 and 312, Language in Context I and II). Impact on other units: none. Financial impact: none.*

Equivalency Table

Old Course	New course
SPAN 300	SPAN 311

Mid-  
impact:  
Drop  
Course

**DROP****SPAN 305 - Conversation and Aural Comprehension (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Span 300 (transition to upper-level Spanish), 305 (Conversation) and 323 (Grammar) are being replaced by a 2-course sequence that is more balanced in nature (SPAN 311 and 312, Language in Context I and II). Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****SPAN 309 - Spanish for Bilinguals (3)**

This course is designed for students who grew up speaking / hearing Spanish at home and wish to develop their academic skills in the language. In this course, students will engage in reading, writing and speaking practice in formal and academic contexts, including the study of relevant grammar topics.

*(DE) Prerequisite(s): Placement exam for Spanish bilinguals.*

*Comments: Only open to native Spanish speakers or Spanish/English bilinguals with consent of department.*

*Rationale: SPAN 309 is being added to the curriculum to serve the bilingual heritage speaker student population at UT. This course will be focused on reading, writing and speaking in Spanish in an academic and professional setting and will focus on skills that heritage learners of Spanish need to improve in order to continue on the Spanish program and to use their Spanish in professional settings. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****SPAN 311 - Language in Context I (3)**

This course develops students' written and oral use of Spanish, through language study as well as exposure to authentic media (for example, movies, articles, stories).

*(RE) Prerequisite(s): SPAN 212 or SPAN 223 or departmental placement exam (lrc.utk.edu).*

*Comments: SPAN 311 may not be taken after completion of SPAN 312. Not available to native Spanish speakers or Spanish/English bilinguals, who should instead take SPAN 309 with consent of the department.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment; this course will be part of a 2-course sequence that is more balanced in nature, replacing Span 300 (transition to upper-level Spanish), 305 (Conversation) and 323 (Grammar) Impact on other units: none. Financial impact: none.*

Equivalency Table

Old Course	New course
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Mid-  
impact:  
Add  
Course

SPAN 300	SPAN 311
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### ADD COURSE

#### **SPAN 312 - Language in Context II (3)**

Building on knowledge gained in SPAN 311, this course continues development of students' written and oral use of Spanish, through language study as well as exposure to authentic media (for example, movies, articles, stories).

*(RE) Prerequisite(s): A grade of B or better in SPAN 218, or a C or better in SPAN 311.*

*Comments: Not available to native Spanish speakers or Spanish/English bilinguals, who should instead take SPAN 309 with consent of the department.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment; this course will be part of a 2-course sequence (311-312) that is more balanced in nature, replacing Span 300 (transition to upper-level Spanish), 305 (Conversation) and 323 (Grammar). Impact on other units: none. Financial impact: none.*

Equivalency Table

Old Course	New course
SPAN 323	SPAN 312

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **SPAN 315 - Spanish Phonetics and Phonology (3)**

Introduction to the sound system of Spanish. Topics include: typical problems in pronunciation for native English speakers, transcription using relevant symbols of the International Phonetic Alphabet, various dialects of Spanish, and the physiological articulation and classification of Spanish sounds.

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. This course will be a requirement for majors and minors in MFLL/Hispanic Studies. Impact on other units: none. Financial impact: none.*

Equivalency Table

Old Course	New course
SPAN 421	SPAN 315

Mid-  
impact:  
Drop  
Course

### DROP

#### **SPAN 323 - Upper-level Grammar and Composition (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Span 300 (transition to upper-level Spanish), 305 (Conversation) and 323 (Grammar) are being replaced by a 2-course sequence that is more balanced in nature (SPAN 311 and 312, Language in Context I and II). Impact on other units: none. Financial impact: none.*

Equivalency Table

Old Course	New course
SPAN 323	SPAN 312

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**SPAN 330 - Textual Analysis (3)**

(RE) Prerequisite(s): SPAN 309 or SPAN 312.

Formerly: (RE) Prerequisite(s): 323.

Rationale: SPAN 312 will be replacing SPAN 323. Impact on other units: none. Financial impact: none.

Low-  
impact:  
Revise  
course

**+REVISE (RE) PREREQUISITE(S)**

**SPAN 331 - Introduction to Hispanic Culture (3)**

(RE) Prerequisite(s): SPAN 309 or SPAN 312.

Formerly: (RE) Prerequisite(s): 323.

(Same as Latin American and Caribbean Studies 331, SPAN 331 is primary)

*Note that this revision will also be made to the secondary course, LAC 331.*

Rationale: SPAN 312 will be replacing SPAN 323. Impact on other units: cross listed LAC 331, SPAN is primary. Financial impact: none.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)**

**SPAN 332 - Survey of Spanish Literature: 1700-Present (3)**

(RE) Prerequisite(s): SPAN 309 or SPAN 312.

Formerly: (RE) Prerequisite(s): 323.

(RE) Corequisite(s): 330.

Rationale: SPAN 312 will be replacing SPAN 323. SPAN 330 is being eliminated as a corequisite. Impact on other units: none. Financial impact: none.

Low-  
impact:  
Revise  
course

**+REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)**

**SPAN 333 - Survey of Spanish-American Literature: 1700-Present (3)**

(RE) Prerequisite(s): SPAN 309 or SPAN 312.

Formerly: (RE) Prerequisite(s): 323.

(RE) Corequisite(s): 330.

(Same as Latin American and Caribbean Studies 333, Spanish is primary)

*Note that this revision will also be made to the secondary course, LAC 333.*

Rationale: SPAN 312 will be replacing SPAN 323. SPAN 330 is being eliminated as a corequisite. Impact on other units: cross listed LAC 333, SPAN is primary. Financial impact: none.

Low-  
impact:  
Revise  
course

**+REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)**

**SPAN 334 - Survey of Hispanic Literatures: Beginnings-1700 (3)**

(RE) Prerequisite(s): SPAN 309 or SPAN 312.

Formerly: (RE) Prerequisite(s): 323

(RE) Corequisite(s): 330

(Same as Latin American and Caribbean Studies 334, Spanish is primary.)



Low-  
impact:  
Revise  
course

*Note that this revision will also be made to the secondary course, LAC 334.*

*Rationale: SPAN 312 will be replacing SPAN 323. SPAN 330 is being eliminated as a corequisite. Impact on other units: cross listed as LAC 334, SPAN is primary. Financial impact: none.*

### **REVISE (RE) PREREQUISITE(S)**

#### **SPAN 346 - Language and Culture of the Hispanic Business World (3)**

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Formerly: (RE) Prerequisite(s): 323.*

*Rationale: SPAN 312 will be replacing SPAN 323. Impact with other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **SPAN 410 - Introduction to Hispanic Linguistics (3)**

Topics may include first and second language acquisition, phonetics, phonology, syntax, history of the Spanish language, semantics, pragmatics and linguistic variation, among others.

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment; this course will be a required course for the major. Impact on other units: Course likely to be added as fulfilling Phonetics or elective requirements for Linguistics IDP. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **SPAN 420 - Applied Linguistics (3)**

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Formerly: (RE) Prerequisite(s): 323.*

*Rationale: SPAN 312 will be replacing SPAN 323. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **SPAN 421 - Phonetics (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. This course is being replaced by a course at the 300-level (SPAN 315). Impact on other units: Linguistics uses SPAN 421 to fulfill major requirements and/or electives. They are attaching parallel forms to add the replacement course (SPAN 315) into their curriculum. This course will no longer be available for graduate credit in the Linguistics Graduate Certificate. Financial impact: none.*

Equivalency Table

Old Course	New course
SPAN 421	SPAN 315

Low-  
impact:

### **REVISE (RE) PREREQUISITE(S)**

Revise  
course

### **SPAN 422 - Advanced Grammar and Translation (3)**

*(RE) Prerequisite(s): SPAN 309 or SPAN 312 and three additional Spanish courses chosen from SPAN 315, SPAN 330, SPAN 331, SPAN 332, SPAN 333, SPAN 334, SPAN 346, SPAN 410, SPAN 420, SPAN 422, SPAN 423, SPAN 430, SPAN 433, SPAN 434, SPAN 461, SPAN 484, SPAN 489, SPAN 491, SPAN 493, SPAN 494S, SPAN 495S.*

*Formerly: (RE) Prerequisite(s): 323 and three additional Spanish courses above 323.*

*Rationale: SPAN 312 will be replacing SPAN 323. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

### **SPAN 423 - Advanced Composition and Conversation (3)**

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Formerly: (RE) Prerequisite(s): 323.*

*Rationale: SPAN 312 will be replacing SPAN 323. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REVISE (RE) PREREQUISITE(S)**

### **SPAN 430 - Topics in Hispanic Linguistics (3)**

*(RE) Prerequisite(s): SPAN 309 or SPAN 312.*

*Formerly: (RE) Prerequisite(s): 323.  
(Same as Linguistics 431, Spanish is primary.)*

*Note that this revision will also be made to the secondary course, LING 431.*

*Rational: SPAN 312 will be replacing SPAN 323. Impact on other units: cross listed as LING 431, SPAN is primary. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, ADD REPEATABILITY, REVISE (RE) PREREQUISITE(S)**

### **SPAN 433 - Gender and Sexuality in Hispanic Literature and Culture (3)**

Examines literary texts that address issues of gender & sexuality in the Hispanic world, especially with regard to personal and cultural identities. This course may address the role of sexual minorities in society as well as patriarchy, nationhood, masculinity, and feminist theoretical issues. Writing-emphasis course.

*Repeatability: May be repeated with consent of department. Maximum 6 hours.*

*(RE) Prerequisite(s): SPAN 309 or SPAN 312, and SPAN 330.*

*Formerly: SPAN 433, Images of Woman in Hispanic Literature (3)  
Examines major Hispanic texts (and/or women authors) in the light of the relation of female individuality to a particular social context, the role of women in society, patriarchal tradition, woman as cultural and as aesthetic value (the feminine symbolic), and feminist theoretical issues. Writing-emphasis course.  
(RE) Prerequisite(s): 323 and 330.  
Comment(s): Requires completion of major or minor requirements in 332, 333, 334.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **SPAN 434 - Film and Visual Culture in the Hispanic World (3)**

Analysis of recent film and other visual media concerning life, culture, and artistic traditions in the Hispanic world. These artistic productions provide social, historical, political and ideological frameworks to explore the changes that have taken place in contemporary Latin America. Taught in Spanish. Writing-emphasis course.

(RE) Prerequisite(s): SPAN 309 or SPAN 312, and SPAN 330.

*Formerly: SPAN 434, Hispanic Culture through Film (3)*

*Analysis of selected films on subjects concerning life, culture, and artistic traditions in the Hispanic world; exploration of ideological, philosophical, social, and political implications of films and a comparison of them with treatments of related subjects in other types of artistic production. Taught in Spanish. Writing-emphasis course.*

*(RE) Prerequisite(s): 323 and 330.*

*(Same as Cinema Studies 434, Spanish is primary.)*

*Note that this revision will also be made to the secondary course, CNST 434.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: cross-listed with Cinema Studies 434. SPAN is primary.*

*Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S)**

#### **SPAN 461 - Special Topics (3)**

Focus on some aspect of Hispanic American thought, literature, or culture. Topics vary.

*Formerly: Focus on some aspect of Hispanic literature, culture, linguistics, or foreign language pedagogy. Topics vary.*

*(RE) Prerequisite(s): 312 or 309, and 330.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **+DROP CROSS-LISTED COURSE**

#### **+SPAN 479 - Disenchanted Texts in Hispanic Literature (3)**

*Cross-listed with LAC 479, Spanish is primary.*

*Note that the secondary cross-listed course is also being dropped.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **SPAN 480 - Social Forces in Hispanic Literary Expression (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Mid-  
impact:

### **DROP COURSE**

#### **SPAN 482 - Trends in Hispanic Thought (3)**

Drop  
Course

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **SPAN 484 - Race, Ethnicity, and Nation in Hispanic Literature (3)**

Critical approaches to topics about race, ethnicity, and writing that define Spanish-speaking nations and communities across the globe. This course can include all texts and issues that dialogue with appropriate aspects of the diverse (Hispanic-based) racial and ethnic compositions and distinctions in Latin America, Spain, North America, Africa, and beyond. Also, a Latino Studies course. Writing-emphasis course.

*(RE) Prerequisite(s): SPAN 309 or SPAN 312, and SPAN 330.*

*Formerly: Close reading and analysis of literary texts that deal with issues of race and ethnicity in the Hispanic world, especially with regard to identity and concepts of nationhood. Among possible course topics — mestizaje; conceptual distinctions between race and ethnicity in Latin America; indigenismo; afrocenrism; issues of monarchy and empire; and relationship between Jews, Christians, and Moors in Spain. Writing-emphasis course.*

*(RE) Prerequisite(s): 323 and 330.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **SPAN 486 - Literary and Artistic Movements in the Hispanic World (3)**

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REMOVE COMMENT(S)**

#### **SPAN 489 - Topics in Hispanic Civilization (3)**

Analysis and discussion of major trends, issues and/or movements in the civilizations of Spain and Spanish America. Political, literary, and cultural perspectives dealing with topics from the Middle Ages to the present day may be explored. Writing-emphasis course.

*(RE) Prerequisite(s): SPAN 309 or SPAN 312, and SPAN 330.*

*Formerly: Analysis of major trends, issues and/or movements in the civilizations of Spain and Spanish America. Political, literary, and cultural perspectives dealing with topics from the Middle Ages to the present day may be explored. Writing-emphasis course.*

*(RE) Prerequisite(s): 323 and 330.*

*Comment(s): Requires completion of major or minor requirements in 332, 333, 334.*

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

## **School of Music (MUCO) Musicology**

Low-  
impact:

### **REVISE GRADING RESTRICTION**

#### **MUCO 400 - Music History Survey (3)**

Revise  
course

*Grading Restriction: Letter grade only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating grading restriction to comply with HOPE scholarship policy. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **MUCO 460 - Music Aesthetics (3)**

*Rationale: Musicology 460: Music Aesthetics has not been offered in several years. The musicology area has no intention of offering it in the future and it is misleading to keep in the catalogs. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS**

#### **MUCO 493 - Independent Study (1-3)**

*Formerly: MUCO 493-Independent Study (1-15)*

*Rationale: Many of our independent study sections in the School of Music are 1-3 variable credits (not listed in this form), many are 1-15, and one is 1-5. We are creating uniformity among all independent study offerings and we do not envision scenarios where students would need less or more than 1-3 credits, respectively. Impact on other units: none. Financial impact: none.*

### **(MUED) Music Education**

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS**

#### **MUED 493 - Independent Study (1-3)**

*Formerly: MUED 493-Independent Study (1-15)*

*Rationale: Many of our independent study sections in the School of Music are 1-3 variable credits (not listed in this form), many are 1-15, and one is 1-5. We are creating uniformity among all independent study offerings and we do not envision scenarios where students would need less or more than 1-3 credits, respectively. Impact on other units: none. Financial impact: none.*

### **(MUEN) Music Ensemble**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **MUEN 312 - Balinese Gamelan (1)**

A hands-on introduction to the gamelan (orchestra) music of Bali, Indonesia, its performance and culture. Through performance and discussion, this course introduces students to gamelan instruments, techniques of performance, and the cultural importance of the music within Bali and the world. No previous knowledge of Bali or gamelan expected.

*Repeatability: May be repeated. Maximum 8 hours.*

*Rationale: UT recently acquired its own Balinese gamelan set of instruments, which arrived on campus from Bali in December 2018. This course has been offered every term for several years (with rented instruments since 2015) under a Chamber Music number (MUEN 315, MUEN 515). A designated number for gamelan is needed for visibility in the catalog, and to offer the possibility of*

proposing the course for new undergraduate gen ed requirements. Impact on other units: none.  
Financial impact: none.

### (MUKB) Music Keyboard

Low-  
impact:  
Revise  
course

#### REVISE TITLE, REVISE DESCRIPTION

##### **MUKB 460 - The Organ and its Literature (3)**

A survey course of the development of the organ and organ literature from the Middle Ages to the current day. Problems of style and interpretation.

*Formerly: Development of the organ and organ literature from the Middle Ages to approximately 1750. Problems of style and interpretation. Pedagogical literature and methods.*

*Rationale: The amount of organ literature offered in the two-semester sequence (MUKB 460 and 470) for the Bachelor of Music is similar to what would be required for a Master's Degree. This course revision to MUKB 460 consolidates topics into one semester and frees up the BM Sacred Music concentration-organ track and the BM Performance-organ concentration curricula for other material (i.e. the only two curricula requiring both of these courses). Impact on other units: none. Financial impact: none.*

### (MUSC) Music General

Low-  
impact:  
Revise  
course

#### REVISE GRADING RESTRICTION

##### **MUSC 101 - Fundamentals of Performance (1-2)**

*Grading Restriction: Letter grade only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating grading restriction to comply with HOPE scholarship policy. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

#### ADD COURSE

##### **MUSC 402 - Study Abroad Experience in Music (0)**

Capstone project for students who have studied music abroad during their program at UTK. Students will present a summary of solutions to contemporary issues they encountered during their study abroad experience and communicate them to an audience.

*Registration Permission: Departmental permission required.*

*Instructional Method: OFF- Off campus study (06)*

*Rationale: This new course would create an option for the new Contemporary Issues and Solutions general education requirement. Students may take this course during or after a study abroad program in order to satisfy this general education requirement. It is 0-credit; enrollment will be approved by their advisor or the Associate Director of Undergraduate Studies in the School of Music. Impact on other units: none. Financial impact: none.*

### (MUTC) Music Technology

Mid-  
impact:

#### ADD COURSE

Add  
Course

### **MUTC 225 - Commercial Scoring for Media (3)**

Project-based course providing enhanced understanding of modern music technology and production. Provides real-world experience in applying these principles to scoring and editing licensed music to short form media. Experience with digital audio workstations suggested.

*Rationale: This course is currently being taught as a variable topics MUTC 451 course. Creating a standalone course for this will give us the ability to add it to our degrees and/or consider it for Volunteer Core. Impact on other units: none. Financial impact: none.*

## **(MUTH) Music Theory**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **MUTH 115 - Harmony and Analysis through Popular Music (3)**

Materials of popular and commercial music including melody, harmony, rhythm, and form. Exercises in song construction, analysis, and writing about music with an emphasis on popular music of a wide variety of styles.

*(DE) Prerequisite(s): Successful completion of music theory placement test or MUTH 100.*

*Rationale: The Theory/Composition area would like to add this 100-level music theory course to provide a relevant theory course for our music business minors. This course will replace the two theory courses and ear training course in the music business minor. It will also provide a relevant theory course in music for students from across the university who have some music background. This course is NOT a prerequisite to any other courses in the School of Music, it is an alternate path for the study of music theory for non-music majors. Impact on other units: other units will need be aware their music business minor students will soon have curriculum changes. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **MUTH 130 - Ear training I (1)**

*Grading Restriction: Letter grade only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating to comply with HOPE scholarship policy. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **\*ADD COURSE**

#### **\*MUTH 305 Italian Musical Styles (3)**

Fundamental style and analysis of Italian music of the common practice period through today. Important stylistic and compositional trends in Italian music that lead to significant Western cultural impacts in music, such as the polyphony of the Italian Renaissance, ornamentation and improvisation in Baroque Italy, and Italian Romantic operatic forms and styles. Discussion of 20th century styles including Italian folk music, musica leggera, rock leggero, progressive rock, and hip-hop.

*Rationale: The UTK in Bologna program has used the variable topic number MUTH 451 for this course for several years. The course is not actually new, but needs its own name. This proposal gives the course, taught only in Italy on the summer abroad program, its own entry. Impact on other units: It hopes to replace MUTH 451 as an option used in the Italian major and minors. That curricular revision form is concurrently being proposed. Financial impact: none.*

*\*Note that this course has been approved as AH under the current general education curriculum.*



Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION

#### **MUTH 400 Survey of Music Theory (3)**

*Grading Restriction: Letter grade only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*Rationale: updating to comply with HOPE scholarship policy. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)

#### **MUTH 490 - Music Theory Practicum I (1)**

Experience in teaching through peer teaching and observation/critiques of teaching. Also includes theatrical improvisation exercises.

*(RE) Prerequisite(s): MUTH 210.*

*Formerly: MUTH 490 - Music Theory Practicum (1)*

*Supervised experience in the theory classroom including tutoring, test construction and grading, materials preparation. Weekly meetings with faculty.*

*(RE) Prerequisite(s): 310.*

*Rationale: Revision of Practicum course into a sequence of two courses allows for more teaching experience for the students as peer teaching instead of teaching in a real classroom. Having two courses and aligning Practicum I with a pedagogy course also allows for the inclusion of theatrical improvisation exercises in the class. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### REVISE CREDIT HOURS

#### **MUTH 493-Independent Study (1-3)**

*Formerly: MUTH 493-Independent Study (1-15)*

*Rationale: Many of our independent study sections in the School of Music are 1-3 variable credits (not listed in this form), many are 1-15, and one is 1-5. We are creating uniformity among all independent study offerings and we do not envision scenarios where students would need less or more than 1-3 credits, respectively. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **MUTH 494 - Music Theory Practicum II (1)**

Experience in teaching through peer teaching and supervised experience in the theory classroom.

*Grading Restriction: Satisfactory/No Credit grading only.*

*(RE) Prerequisite(s): MUTH 490.*

*Rationale: Revision of Practicum course into a sequence of two courses allows for more teaching experience for the students as peer teaching instead of teaching in a real classroom. Having two courses allows students to have more practice in peer teaching before students teach in a real classroom setting. Impact on other units: none. Financial impact: none.*

**DEPARTMENT OF PHYSICS AND ASTRONOMY**  
**(ASTR) Astronomy**

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **ASTR 217 - Honors: Introductory Astronomy (4)**

(RE) Corequisite(s): MATH 130, MATH 131, MATH 132, or MATH 141.

Formerly: (RE) Corequisite(s): Mathematics 141 or Mathematics 130.

*Rationale: updating due to changes proposed in mathematics for. MATH 131 should be accepted where MATH 130 is required and MATH 132 should be accepted where MATH 141 is required as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **ASTR 218 - Honors: Introductory Astronomy (4)**

(RE) Corequisite(s): MATH 130, MATH 131, MATH 132, or MATH 141.

Formerly: (RE) Corequisite(s): Mathematics 141 or Mathematics 130.

*Rationale: updating due to changes proposed in mathematics for. MATH 131 should be accepted where MATH 130 is required and MATH 132 should be accepted where MATH 141 is required as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## **(PHYS) Physics**

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **PHYS 135 - Introduction to Physics for Physical Science and Mathematics Majors I (4)**

(RE) Corequisite(s): MATH 132 or MATH 141.

Formerly: (RE) Corequisite(s): Mathematics 141.

*Rationale: the new proposed MATH 132 will have the same learning outcomes at MATH 141 and should also be an acceptable co-requisite. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **PHYS 137 - Honors: Fundamentals of Physics for Physics Majors I (5)**

(RE) Corequisite(s): MATH 132 or MATH 141.

Formerly: (RE) Corequisite(s): Mathematics 141.

*Rationale: the new proposed MATH 132 will have the same learning outcomes at MATH 141 and should also be an acceptable co-requisite. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **PHYS 221-Elements of Physics I (4)**

(RE) Prerequisite(s): MATH 130 or MATH 131 or MATH 132 or MATH 125 or MATH 141 or MATH 151 or MATH 152.

Formerly: (RE) Prerequisite(s): Mathematics 130 or 125 or 141 or 151 or 152.

*Rationale: the new proposed MATH 132 will have the same learning outcomes at MATH 141 and should also be an acceptable co-requisite. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **PHYS 311- Mechanics (3)**

*(RE) Prerequisite(s): PHYS 136 or PHYS 138 or PHYS 232; COSC 102.*

*Formerly: (RE) Prerequisite(s): 136 or 138 or 231; Computer Science 102; Mathematics 251.*

*Rational: Mathematics 251 is being removed from the prerequisites after having been erroneously added in the Fall 2019 catalog. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND**

#### **PHYS 411- Introduction to Quantum Mechanics I (3)**

*(RE) Prerequisite(s): PHYS 250.*

*Recommended Background: A course (200-level or higher) in advanced calculus.*

*Formerly: (RE) Prerequisite(s): 250; Mathematics 241 and Mathematics 251.*

*Rationale: Mathematics 241 and 251 are being removed from the prerequisites after having been erroneously added in the Fall 2019 catalog, and a recommended background of any 200-level or higher course in calculus is being added. The course in effect reverts to its description, including prerequisites, etc. to that of the Fall 2018 catalog. Impact on other units: none. Financial impact: none.*

## **DEPARTMENT OF POLITICAL SCIENCE (POLS) Political Science**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **POLS 481: Experiential Learning in Political Science (1)**

Participate in departmentally sponsored student organizations and activities. Specific learning agreement required.

*Grading Restriction: Satisfactory/No Credit grading only.*

*Repeatability: May be repeated. Maximum 3 hours.*

*Registration Permission: Permission of undergraduate studies director and department head.*

*Rationale: Many of our best students participate in time- and work-intensive student organizations such as UTK Mock Trial, and UTK Model United Nations. This one hour, PASS/FAIL course will allow students to receive a modicum of credit for participating in such organizations. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **POLS 482: Focused Inquiry in Political Science (1).**

This "child course" allows students to focus intensively on one topic within a "parent" political science course.

*Grading Restriction: Satisfactory/No Credit grading only.*

*Repeatability: May be repeated. Maximum 4 hours.*

*Comment: This "child" course must be taken contemporaneously with some other "parent" political science course.*

*Registration Permission: Permission of department head, and instructor of "parent" political science course.*

*Mode of instruction: (02) Internet/Web-based/Online*

*Rationale: Instructors will use this course to develop individual modules within existing courses to give students the opportunity to explore specific topics within the course, going above and beyond the material covered in the course. This course will provide opportunities for students to engage in data analysis or other research activities on topics of their choosing. The course will also give students great flexibility in meeting College, department, and university requirements. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF PSYCHOLOGY (PSYC) Psychology

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PSYC 211 - Brain Science Applications (3)**

This course provides an introduction to brain structure and function and the applications to everyday life. Topics may include neurological diseases, mental illness, stress, addiction, and social relationships.

*(RE) Prerequisite(s): PSYC 110 or PSYC 117.*

*Rationale: Current options for the biological bases core course do not serve the needs of many of our majors who pursue careers in teaching, law, business, etc. This new class will focus on what fundamental biological bases information we believe all of our majors need as educated people moving forward in a variety of careers, with a focus on applications of neuroscience. Offering this new class should also help free up seats in other classes that are required for neuroscience majors and in which we are having trouble meeting demand from both majors. Impact on other units: By reducing demand from psychology majors in other courses (e.g., PSYC 301), adding this new course should help relieve enrollment pressures and curriculum roadblocks in neuroscience and related courses in other departments. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PSYC 235 - Intergroup Dialogues (1)**

Facilitated, face-to-face dialogues on disability, ethnicity, gender, nationality, race, religion, sexual orientation, and/or social class, and associated forms of power and social inequity. Students will build skills in dialogue across groups and difference to develop a critical awareness of social inequity, and to develop capacities to work toward social justice.

*Repeatability: May be repeated. Maximum 2 hours.*

*Rationale: The course is being developed by Dr. Joe Miles, an expert in intergroup dialogue, at the request of and with support from the office of the Vice Chancellor of Diversity and Engagement. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PSYC 245 - Orientation to the Psychology Major (1)**

Overview of the variety of career options possible with a major in psychology, strategies for success in the major to help students develop a plan for making the most of their major and curriculum to achieve their career goals.

*(RE) Prerequisite: PSYC 110, PSYC 117, or consent of department.*

*Registration Restriction(s): Bachelor of Arts - Psychology major or psychology minor.*

*Rationale: In senior exit surveys and our recent alumni survey, a consistent theme is students saying they wish they had known sooner about how to make the most of the major, all the career options available, how to get involved in a research lab, and so on. We currently offer a 300-level, 3-credit Careers in Psychology course, but this course currently only reaches ~25 students per*

year, typically juniors and seniors, yet we have 1,000 majors, most of whom would benefit from this information earlier. Impact on other units: none Financial impact: none.

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 247 - HONORS Orientation to the Psychology Major (1)**

Overview of the variety of career options possible with a major in psychology, strategies for success in the major to help students develop a plan for making the most of their major and curriculum to achieve their career goals.

(RE) Prerequisite: PSYC 110, PSYC 117, or consent of department.

Registration Restriction(s): Bachelor of Arts - Psychology major, Honors concentration.

Rationale: An honors version of this new course (see PSYC 245 for rationale for the regular course) will allow us to begin to create a cohort experience and to offer differentiated opportunities for honors students. Impact on other units: none. Financial impact: none.

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 289 - Introduction to supervised research (1-3)**

Entry-level research assistant experiences.

Repeatability: May be repeated. Maximum 6 hours.

Credit Restriction: Any combination of 6 hours of PSYC 289, PSYC 399, PSYC 489, PSYC 491, PSYC 492, or PSYC 493 may be used in the major. An additional 6 hours may be used as electives.

(RE) Prerequisite: PSYC 110, PSYC 117, or consent of department.

Rationale: Some faculty offer scaffolded or differentiated research experiences. This new course provides the option for faculty who want to use it to distinguish between more basic and advanced RA opportunities. Impact on other units: none. Financial impact: none.

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 294 - Research Methods in Psychology Laboratory (1)**

Basic techniques in data collection, analysis, and presentation of results.

Contact Hour Distribution: One 2-hour lab each week.

(RE) Prerequisite(s): PSYC 110 or PSYC 117.

(RE) Corequisite(s): PSYC 295 or PSYC 298.

Rationale: Students need more opportunity for hands-on experiences with data collection, analysis, and interpretation. Having a stand-alone lab course creates flexibility for students and instructors in curriculum planning and course scheduling. We also plan to apply for Applied Oral Communication designation for this course, meeting a need for our majors under the new Vol Core. Impact on other units: none. Financial impact: none.

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 297 – Honors: Research Methods in Psychology Laboratory (1)**

Basic techniques in data collection, analysis, and presentation of results.

Contact Hour Distribution: One 2-hour lab each week.

(RE) Prerequisite(s): PSYC 110 or PSYC 117.

(RE) Corequisite(s): PSYC 295 or PSYC 298.

Rationale: Students need more opportunity for hands-on experiences with data collection, analysis, and interpretation. Having a stand-alone lab course creates flexibility for students and instructors in curriculum planning and course scheduling. We also plan to apply for Applied Oral

Communication designation for this course, meeting a need for our majors under the new Vol Core. Impact on other units: none. Financial impact: none.

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 298 – Honors: Introduction to Psychological Research Methods (3)**

An introduction to the research methods and data analyses used in psychological research. This course should be taken as soon as possible after declaring a major or minor in psychology.

(RE) Prerequisite(s): PSYC 110 or PSYC 117.

*Rationale: An honors version of this course will allow us to begin to create a cohort experience and to offer differentiated opportunities for honors students. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE**

#### **PSYC 300 Child Development (3)**

*Formerly: PSYC 300 Child Psychology (3)*

*Rationale: The change was requested by our developmental psychology faculty to better represent the course content as well as the field more broadly: Child Psychology is typically more clinical in nature. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 335 - Intergroup dialogue facilitation (3)**

Introduction to the theory, research, and practice of intergroup dialogue facilitation; preparation to become peer facilitators of intergroup dialogues focused on social identities and inequity.

(RE) Prerequisites: PSYC 235.

Registration Permission: Permission of instructor.

*Rationale: The course is being developed by Dr. Joe Miles, an expert in intergroup dialogue. The course will train undergraduates to be peer facilitators of the intergroup dialogues offered as PSYC 235 (separate course proposal). Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **PSYC 385 - Statistics in Psychology (3)**

Descriptive statistics. Logic of hypothesis-testing and statistical inference. Basic parametric and nonparametric tests.

(RE) Prerequisite(s): PSYC 110 or PSYC 117; MATH 115 or STAT 201.

*Formerly: (RE) Prerequisite(s): 110 or 117.*

*Rationale: Students are often underprepared for the course material and struggle to be successful in the course. The instructor also reports needing to spend more time reviewing basic information and less time on specific applications within psychology. Impact on other units: PSYC 385 currently only enrolls <100 students per year, many of whom have already completed MATH 115. There should be minimal increased demand in MATH 115. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 397 – Honors: Advanced Research Methods in Psychology (3)**



Fundamentals in the design, conduct, and interpretation of research, including systematic observation, experiments, quasi-experiments, and program-evaluations. Focus on both laboratory and natural settings.

*(RE) Prerequisite(s): PSYC 295 or PSYC 298; and PSYC 294 or PSYC 297; and PSYC 385 or MATH 115 or STAT 201 or consent of department.*

*Rationale: Honors version of existing course (PSYC 395, Advanced Research Methods). Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**REVISE TITLE, REVISE DESCRIPTION, REMOVE REPEATABILITY, REVISE (RE) PREREQUISITE(S), REMOVE REGISTRATION RESTRICTION, ADD REGISTRATION PERMISSION**

**PSYC 409 Intergroup Dialogue Facilitation II (3)**

Focus on advanced theory, research, and practice of intergroup dialogue facilitation. Students will be supervised in their facilitation of an intergroup dialogue on class, disability, ethnicity, gender, nationality, race, religion, and/or sexual orientation, and associated forms of power and social inequity.

*(RE) Prerequisite(s): PSYC 335.*

*Registration Permission: Permission of instructor.*

Formerly: PSYC 409 - Group Facilitation (3)

Study of theory and technique through supervised experience in small groups.

Repeatability: May be repeated. Maximum 6 hours.

*(RE) Prerequisite(s): 110 or 117.*

*Registration Restriction(s): Minimum student level – junior.*

*Rationale: PSYC 409 was developed to focus on intergroup dialogues. The changes reflect this emphasis and aligns it with the new PSYC 235 and PSYC 335 courses being proposed (see separate course proposals). This course will allow students who want to be peer facilitators of intergroup dialogues to repeat the experience for advanced credit. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Drop  
Course

**DROP COURSE**

**PSYC 431 Psychology of Adjustment (3)**

*Rationale: course not taught in 4 years. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**PSYC 444-Sustainability Psychology (3)**

Psychological forces that drive people's thoughts, feelings, and behaviors relevant to environmental sustainability.

*Registration Restriction(s): Minimum student level – Junior.*

*Rationale: This course has been offered for several years as a PSYC 482 special topics course and the instructor and department wish to add the course formally to the undergraduate psychology curriculum. We would like to seek designation for this course as a Contemporary Issues and Solutions course, and so a stand-alone course number will facilitate that. Impact on other units: This course is regularly taken by students in the Sustainability major; getting a stand-alone course number will make it easier for those students to count the course toward the major. Financial impact: none.*

Low-  
impact:

**REVISE (RE) PREREQUISITE(S)**



Revise  
course

**PSYC 464 - Drugs and Behavior (3)**

(RE) Prerequisite(s): PSYC 110 or PSYC 117 and PSYC 211 or PSYC 301 or consent of instructor.

Formerly: (RE) Prerequisite(s): 110 or 117 or consent of instructor.

*Rationale: Students are often underprepared for the course material and struggle to be successful in the course. The course is intended to build on prior knowledge of basic brain structure and function and other basic neuroscience topics. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**PSYC 468 – Honors: Research Experience in Psychology (3)**

Engagement in faculty-mentored research.

(RE) Prerequisite(s): PSYC 110 or PSYC 117; PSYC 295 or PSYC 298; PSYC 294 or PSYC 297.  
Registration Restriction: Honors concentration in psychology.

*Rationale: We would like to expand our honors concentration beyond a traditional honors thesis, both to better meet the needs of our students and to address bottle-neck issues in the concentration. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**ADD (RE) PREREQUISITE(S)**

**PSYC 484 Sleep and Dreaming (3)**

(RE) Prerequisites: PSYC 301 or BCMB 415 or permission of instructor.

Formerly: No (RE) prerequisites.

*Rationale: Instructor request based on insufficient preparation in basic neuroscience in previous students, interfering with ability to be successful in the course. Impact on other units: The course is an elective for the Neuroscience major, but the new pre-requisites are already requirements for the major. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**PSYC 490 - Research Experience in Psychology (0)**

Supervised research experience in psychology.

Repeatability: May be repeated. Maximum 3 times.

(RE) Prerequisite: PSYC 110, PSYC 117, or consent of department.

*Rationale: Currently we have many undergraduates who work as RAs without enrolling for credit (PSYC 489), typically because they have exhausted the number of PSYC 489 enrollments they may have. This new 0-credit course would allow these “volunteer” RAs to formally document on their transcript the continued involvement in a lab and allow the department to better track research lab participation by our undergraduates. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**PSYC 497 – Honors: Internship in Psychology (3)**

Field experience in community-based settings where students integrate and apply knowledge from psychology coursework in a professional setting.

Repeatability: May be repeated. Maximum 6 hours.

(RE) Prerequisite(s): PSYC 110 or PSYC 117.

Registration Restriction: Honors concentration in psychology.

*Rationale: We would like to expand our honors concentration beyond a traditional honors thesis, both to better meet the needs of our students and to address bottle-neck issues in the concentration. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **PSYC 498 – Honors: Capstone Seminar (1)**

Professional development opportunities, research colloquia, and oral presentation of students' honors projects.

*Rationale: We would like to (a) require students to present their honors projects to the department and (b) have opportunities in their senior year for a cohort experience and professional development. Impact on other units: none. Financial impact: none.*

## **DEPARTMENT OF RELIGIOUS STUDIES (REST) Religious Studies**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **REST 309 - Religion and the Workplace (3)**

Within the framework of the academic study of religion, students will engage legal and organizational issues with religion in the workplace, focusing on understanding the complex dynamics that characterize workplace interactions.

*Rationale: This course will enhance curriculum in the new Religion and Non-profit leadership major, minor, and concentration in the department of religious studies as well as the general major in Religious Studies. It will also enhance the training of students outside the department and outside the College. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Archive  
Course

### **ARCHIVE**

#### **REST 425 - Seminar in Western Religions (3)**

*Rationale: course not taught in 4 years, Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Archive  
Course

### **ARCHIVE**

#### **REST 440 - Seminar in Comparative Religion (3)**

*Rationale: course not taught in 4 years. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **REST 494 – Internship (3)**

*(RE) Corequisite(s): ALEC 202, ALEC 203, ALEC 410, BUAD 410, CMST 446, ELPS 201, ENT 410, ENT 410S, JREM 499, MGT 472, RSM 201, or RSM 334.*

*Formerly: (RE) Corequisite(s): Agricultural Leadership, Education and Communications 202, Agricultural Leadership, Education and Communications 203, Agricultural Leadership, Education and Communications 410, Business Administration 410, Communication Studies 446, Educational Leadership and Policy Studies 201, Entrepreneurship 410, Entrepreneurship 410S, Journalism and Electronic Media 499, Management 472, Physical Education 246, Recreation and Sport Management 201, or Recreation and Sport Management 334.*

*Rationale: The host college is dropping PYED 246.*

**DEPARTMENT OF SOCIOLOGY  
(SOCI) Sociology**

Mid-  
impact:  
Drop  
Course

**DROP**

**SOCI 370 - Social Psychology (3)**

*Rationale: Course has not been taught for 2 years by any faculty member in the Department, and for more than 6 years by a tenure-track faculty member. It reflects a now-dated orientation within the Department. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Archive  
Course

**ARCHIVE COURSE**

**SOCI 431 - Applied Sociological Research (3)**

*Rationale: SOCI 431R will be the only course offered.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**SOCI 431R - Applied Sociological Research (3)**

Survey of advanced topics in sociological research, and hands-on application of research methods.

*(RE) Prerequisite(s): SOCI 331.*

*Comment(s): Encouraged for students interested in graduate school. Required for sociology honors students.*

*Rationale: Sociology 431 instructors build the course around either a particular, collective research project or students' own research, at the discretion of the instructor. This research-intensive course requires of students a significant time investment between data collection and analysis, reading the assigned material, collecting/reading/synthesizing additional background research, and writing (from early reflections and field notes to producing a finished piece and preparing presentations—certainly 5-10 hours per week over the course of the semester. Students receive extensive training in methodology, ethics (integrated into material throughout the semester), and sociological concepts and theories, as well as how to find and assess the relevant academic literature on a topic. They learn by doing, which they have, in past, noted has been extremely effective for them. Students are also trained in supporting skills/tools like qualitative data analysis software and bibliographic citation manager programs. Impact on other units: none. Financial impact: none.*

*Learning outcomes/objectives are as follows:*

- Construct an original research design
- Find academic literature related to a topic and successfully synthesize it in a literature review
- Set achievable and challenging goals
- Gain proficiency in data collection/analysis
- Develop writing skills and good writing habits
- Gain skills in sociological theory development through empirical research and regular writing
- Think carefully about ethics, including one's role as a researcher in the research setting
- Understand the professional environment of the academic
- Consider possible applications for these research projects

*The course material is tied to the instructor's ongoing research, so the instructor is well-equipped to train students and provide context for the work. The instructor also discusses career goals, graduate work, and other professionalization aspects, and explains how research can be used in*

*related non-academic settings. Students regularly write reflections on their work, with “field notes” assignments and memos, weekly check-ins on progress, and multiple self and peer assessments of projects (rough and final drafts). Students’ work over the whole semester builds toward a final research project. Students present research findings either in faculty/graduate student departmental colloquium or other location (past venue was a community forum organized by the students. The course trains students in constructing presentations. The course also covers the academic publication process and encourages publication in venues such as Pursuit. Students’ final written product is designed either to follow academic journal article format (to encourage revision as an academic manuscript) or another format designed for wider dissemination, depending on the topic and specific course goals.*

*The R-subcommittee recommends approval of this R-designated course.*

Mid-  
impact:  
Add  
and  
archive  
course

### **ADD COURSE, ARCHIVE**

#### **SOCI 433 Participatory Action Research (3)**

Participatory Action Research (PAR) is a collaborative approach to research that brings together researchers and community members to identify, analyze, and act upon community challenges. In this course students will learn about the origins, processes, and epistemological underpinnings of PAR as we work with local community partners to carry out a community-based research project.

*Rationale: New course reflects expertise in the Department and its social justice curriculum. Base course created for 433R Impact on other units: none. Financial Impact: none.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **SOCI 433R Participatory Action Research (3)**

Participatory Action Research (PAR) is a collaborative approach to research that brings together researchers and community members to identify, analyze, and act upon community challenges. In this course students will learn about the origins, processes, and epistemological underpinnings of PAR as we work with local community partners to carry out a community-based research project.

*Rationale: Students in Sociology 433 conduct original research in collaboration with the community partner(s) and community stakeholder(s). The nature of the research project and the types of community collaborators may change each semester, in keeping with the spirit of community-based participatory research. For example, students in the Spring 2019 Participatory Action Research class worked in teams to organize and conduct focus groups with key stakeholders and interviews with key informants. Future iterations of this course may include other research methods, including survey-based methods.*

*The course is built around the research project. Students learn collaborative community-based research methods through organization and implementation of the project as well as analysis and presentation of the data. Class time is devoted to the research project on a weekly basis.*

*Students are required to complete additional research-related tasks outside of class (e.g., reading and compiling an annotated bibliography of secondary research sources; developing an interview guide; interviewing key informants; transcribing and analyzing interviews). Students are expected to work an average of 10 hours per week on their research. Impact on other units: none. Financial Impact: none.*

*Students explore the origins, methods, ethics, and challenges of community-based participatory research, including how to be good community partners, through engagement with the academic literature and application to a real community research project. Students learn research methods pertinent to the specific project identified in collaboration with community partners. During the Spring 2019 iteration of this course, students learned how to conduct focus groups and interviews, and how to analyze data stemming from these approaches.*

*Student learning objectives include: understanding the origins and epistemological underpinnings of participatory action research and community collaborative research; thinking critically about power and equity in research relationships with community partners, and the skills needed to be a collaborative community researcher; learning how to collaborate on community-focused research; and developing an understanding of the literature related to the topic of research (in the case of the Spring 2019 course, this content focused on immigration policies in local context; however, the nature of the research project may change, and thus the literature review may also change). The instructors who teach this course have expertise and experience in collaborative community research. In addition, the class meets several times over the course of the semester with the community partner(s) and stakeholder(s) to understand the community-specific nature of the issue being researched.*

*Students complete regular self-reports (e.g., on a weekly basis), as well as a final self-reflection, to reflect on their research process. The final project takes the form of a report, or other approved output defined in collaboration with the community partner(s), which is then presented to the community partner. The final project is presented and distributed to the community partner(s) and community stakeholder(s) at the end of the semester.*

*The R-subcommittee recommends approval of this R-designated course.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **SOCI 461-Immigration Politics and Policies (3)**

Examines US immigration history, politics, and policies in sociological context, with particular attention to how social, political, and economic factors have shaped our national understanding of immigrants and immigrant rights, and how immigrants and advocates organize around policies

*Rationale: New course reflects expertise in the Department and its social justice curriculum.*

*Impact on other units: none. Financial impact: none.*

## **DEPARTMENT OF THEATRE (THEA) Theatre**

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION**

#### **THEA 220 Introduction to Acting (3)**

Exploring and freeing the actor through Stanislavski-based exercises in order to form a solid foundation for playing a scene.

*Formerly: THEA 220 Acting I (3)*

*Basic acting techniques.*

*Rationale: The old title/description did little to tell students what the course would cover. The new description is significantly more detailed and helpful. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION**

#### **THEA 221 Beginning Scene Study (3)**

Further exploration and development of acting techniques through exercises and beginning scene work.

*Formerly: THEA 221 Acting II (3)*

*Further exploration and development of acting techniques through exercises and beginning scene work.*

Low-  
impact:  
Revise  
course

*Rationale: This new title is more specific. Also, if we rename Theatre 220 it wouldn't make sense to call 221 "Acting 2" when we don't have a course called "Acting 1". Impact on other units: none. Financial impact: none.*

### REVISE DESCRIPTION

#### **Theatre 320 – Advanced Acting 1 (3)**

Character study and scene study in 20th and 21st century American plays, with a focus on major playwrights.

*Formerly: Theatre 320 – Advanced Acting 1 (3)*

*Character study and scene study in 20th century American plays.*

*Rationale: This description more accurately represents the material that is covered in the course. Impact on other units: none. Financial impact: none.*

## PROGRAM CHANGES

### COLLEGE OF ARTS AND SCIENCES

#### Main College page

Low-  
impact:  
Revise  
text

### REVISE TEXT

#### **College of Arts and Sciences**

(Main college page)

#### **Arts & Sciences-College-wide requirements: Foundations**

##### **Quantitative Reasoning**

All students pursuing a degree from the College of Arts and Sciences must demonstrate the ability to use the tools of quantitative analysis. Students may meet this college requirement either by completing two of the following courses, or by completing one of the following courses and also COSC 100\*, PHIL 130\*, PHIL 235\*, or PSYC 385\*.

MATH 113\*, MATH 115\*, MATH 117\*, MATH 123\*, MATH 125\*, **MATH 132**, MATH 141\*,  
MATH 142\*, MATH 147\*, MATH 148\*, MATH 151\*, MATH 152\*, MATH 202\*, STAT 201\*,  
STAT 207\*

##### **Foreign Language**

Learning a foreign language helps prepare a student to become an engaged global citizen. Studying the vocabulary, grammatical structure, and literary milestones of a second language can help students understand the close relationship between language and culture, and can provide students with tools that can be used to both understand and bridge cultural differences. Study of a foreign language can also help us understand better the structure and nuances of our own native language. The Foreign Language component of the Perspectives requirement supports the broad goals of liberal education by promoting intellectual tolerance and flexibility, informing students' understanding of cultural diversity, and introducing students to the literary achievements of authors writing in other languages.

Students may meet this college requirement in one of four ways.

- Completion of one of the following intermediate-level foreign language sequences: ARAB 221\*-ARAB 222\*; **ASL 211\*-ASL 212\***; ASST 261\*-ASST 262\*; CHIN 231\*-CHIN 232\*; FREN 211\*-FREN 212\*, FREN 217\*-FREN 218\*; GERM 211\*-GERM 212\*; (Greek) CLAS 261\*-CLAS 264\*; (Latin) CLAS 251\*-CLAS 252\*; HEBR 241\*-HEBR 242\*; ITAL



211\*-ITAL 212\*; JAPA 251\*-JAPA 252\*; PORT 211\*-PORT 212\*; REST 221\*-REST 222\*; RUSS 201\*-RUSS 202\*; SPAN 211\*-SPAN 212\*, or SPAN 217\*-SPAN 218\*.

- Completion of a six-hour intensive intermediate-level foreign language course. Any one of the following courses will satisfy the requirement: FREN 223\*, GERM 223\*, ITAL 223\*, PORT 223\*, SPAN 223\*.
- Demonstration of intermediate competence on a departmental placement or proficiency examination or by AP or CLEP credit.
- Students whose native language is not English may satisfy the requirement with ENGL 131\* and ENGL 132\* and any two of the following courses: AFST 225\*, AFST 226\*, AFST 233\*; CLAS 253\*; ENGL 201\*, ENGL 202\*, ENGL 206\*, ENGL 207\*, ENGL 208\*, ENGL 209\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\*, ENGL 232\*, ENGL 233\*, ENGL 237\*, ENGL 238\*, ENGL 247\*, ENGL 248\*, ENGL 251\*, ENGL 252\*, ENGL 253\*, ENGL 254\*, ENGL 258\*, ~~INSC 330~~; ITAL 401, ITAL 402; JAPA 313, JAPA 314; JST 312; LAC 315; MRST 261, MRST 262, MRST 401, MRST 402; MFL 300; PORT 315; REST 312; RUSS 221\*, RUSS 222\*.

### Foreign Language Placement Information

All students who wish to enroll in a foreign language course, who have completed at least two years of this language in high school and who have not yet taken a college course in the language, must take a placement examination before enrolling. Placement in the appropriate course will be determined by the score on the examination. Examinations for most languages will be given online prior to orientation and at any time during the fall, spring, and summer. Students who place into 200-level courses will receive six hours of elementary language credit upon successful completion of a 200-level course in the same language at UTK, provided that they do not subsequently enroll and receive credit for any 100-level course in the same language. If they do, elementary placement credit is forfeited and removed from the student's transcript.

Students who place into 300-level courses will receive six hours of intermediate language credit upon successful completion of a 300-level course in the same language at UTK, provided that they do not subsequently enroll and receive credit for any 200-level course in the same language. If they do, intermediate placement credit is forfeited and removed from the student's transcript. Those students who place into 200- or 300-level courses and do not wish to continue in a language, but wish to receive six hours of 100- or 200-level credit, respectively, for their online exam, may do so by completing a proctored placement exam during the fall, spring, or summer and confirming the results of their online placement exam.

Placement test scores expire after one year. Students have one year from the date on which they take the placement exam to either register for the course for which they are eligible (as determined by their placement test score) or complete the proctored placement exam to confirm the results of the online exam. After the one-year period elapses, students will have to take the placement test again.

**For placement information regarding ASL, contact the Deaf Studies program in the College of Education, Health and Human Sciences.**

*Rationale: To match the Foreign Language list in Gen Ed. Supported by students, faculty, and our language departments. INSC 330 is being dropped by the host college. Impact on other units: Confirmed with CEHHS that this addition was okay; they will be able to handle the increase in enrollment. Financial impact: none to CAS; we would support CEHHS in requesting additional funds from the Provost to meet the demand.*

### Global Challenges

ANTH 325; ARAB 251, ARAB 321\*; BIOL 105\*, BIOL 150\*; EEB 419, EEB 430; ENGL 225\*, ENGL 226\*, ENGL 335\*, ENGL 336, ENGL 423; GEOG 101\*, GEOG 111\*, GEOG



131\*, GEOG 132\*, GEOG 137\*, GEOG 200\*, GEOG 206, GEOG 320, GEOG 331, GEOG 340, GEOG 341, ~~GEOG 343~~, GEOG 344, ~~GEOG 349~~, ~~GEOG 350~~, GEOG 371, ~~GEOG 372~~, GEOG 373, GEOG 374, GEOG 375, GEOG 413, GEOG 430, GEOG 435, GEOG 441, GEOG 442, GEOG 444, GEOG 445, GEOG 449, GEOG 451, GEOG 462; HILA 450; HIME 350; HIUS 450; LAC 450, LAC 456; MFL 300; PHIL 346, PHIL 441; POLS 453, POLS 456, POLS 461, POLS 463, POLS 471, POLS 474, POLS 479; REST 101\*, REST 102\*, REST 302, REST 319, REST 321, REST 332, REST 339, REST 353, REST 372, REST 380, REST 386, REST 476; RUSS 373, RUSS 453; SOCI 341, SOCI 342, SOCI 375, SOCI 442, SOCI 446; WGS 370\*.

*Rationale: New courses approved by the Global Challenges Committee. Impact on other units: none. Financial impact: none.*

## College-wide Requirements: Connections

### Ancient Mediterranean Studies

ARTH 425; CLAS 302, CLAS 306, CLAS 309, CLAS 381, CLAS 382, CLAS 384, CLAS 439, CLAS 441, CLAS 442, CLAS 443, CLAS 444, CLAS 445, CLAS 461, ~~CLAS 462~~, ~~CLAS 465~~; HIEU 303, HIEU 304, HIEU 305, HIEU 311, HIEU 425; HIME 382, HIME 383; PHIL 320\*, PHIL 322\*, PHIL 327\*; REST 311, REST 312, REST 321, REST 322, REST 413\*, REST 423\*.

### Rise and Decline of Premodern Complex Societies

ANTH 360, ANTH 462, ANTH 463; CLAS 302, CLAS 306, CLAS 362, CLAS 436, CLAS 442, CLAS 443, CLAS 444, CLAS 445, ~~CLAS 465~~; HIAF 371; HIAS 389; HIEU 303, HIEU 304, HIEU 305, HIEU 312, HIEU 324, HIEU 426; HIME 369, HIME 370, HIME 382, HIME 383, HIME 400; POLS 475.

*Rationale: New courses approved by the Connections Committee. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF ANTHROPOLOGY

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Anthropology Major, BA

#### Major Requirements

##### Select one course:

##### Cultural Area

- ~~ANTH 301 – South Asian Cinema: Bollywood and Beyond~~

##### Select one course:

##### Biological Anthropology Applied Area

- ~~ANTH 359 – Selected Topics in Biological Anthropology Method and Theory~~

*Rationale: Revisions of eligible courses that can be completed for the Cultural area and the Biological Anthropology applied area. Impact on other units: none. Financial Impact: none.*

## SCHOOL OF ART

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Art History Major, BA

#### II. Major (30 hours)

##### A. Select one course from four of the five areas (12 hours):

##### Non-Western

- ARTH 410 - Art & Image in Age of Pharaohs

*Rationale: This is a new course that will give students within the art history major another option in the Non-Western category. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
program  
pending  
THEC  
approval

## ^ADD MAJOR PENDING THEC APPROVAL

### Cinema Studies Major, BA

*Dr. Maria Stehle, Modern Foreign Languages and Literature, Co-chair*  
*Dr. Paul Harrill, School of Art, Co-chair*

The Cinema Studies major includes both Cinema History/Theory/Aesthetics courses and Production courses in film and/or video. Students may choose a greater emphasis in cinema history and aesthetics or in moving image production, although all majors will take courses in both areas.

#### College Requirements

Arts and Sciences

#### Concentration Requirements

The concentration in Cinema Studies consists of **30 semester hours**.

Complete:

- CNST 236 - Introduction to Cinema and Video Art
- CNST 281 - Introduction to Film Studies \*

Select one course:

- CNST 435 - Narrative Filmmaking
- CNST 436 - Video Art
- JREM 436 - Advanced Video Production

Complete 21 additional hours:

Students must complete at least two courses in the History/Theory/Aesthetics group and at least one course in the Production group.

Select two of the following History/Theory/Aesthetic courses:

- CNST 320 – Middle Eastern Film
- CNST 323 - German Film Survey
- CNST 326 - Brazilian Cinema
- CNST 334 - Film and American Culture
- CNST 420 - French Cinema
- CNST 422 - Topics in Italian Cinema
- CNST 423 - Themes and Genres in German Cinema
- CNST 469 - Sexuality and Cinema

- CNST 482 - Special Topics in Global Cinema
- CNST 489 – Special Topics

Complete 15 additional hours form History/Theory/Aesthetics, Production, or Other:

History/Theory/Aesthetics

- CNST 306-Shakespeare and Film
- CNST 312 - Popular Culture and American Politics \*
- CNST 314 - Food, Fiction, and Film in Modern Japan
- CNST 315 - Asian Film
- CNST 320 – Middle Eastern Cinemas
- CNST 321 - Japanese Graphic Novel/Anime
- CNST 323 - German Film Survey
- CNST 325 - Russian Film
- CNST 326 - Brazilian Cinema
- CNST 334 - Film and American Culture
- CNST 366 - Hollywood and the 20th Century
- CNST 400 - Special Topics
- CNST 420 - French Cinema
- CNST 422 - Topics in Italian Cinema
- CNST 423 - Themes and Genres in German Cinema
- CNST 433 - History of Film and Modern and Contemporary Art
- CNST 434 - Hispanic Culture Through Film
- CNST 465 - Latin American Film and Culture
- CNST 469 - Sexuality and Cinema
- CNST 482 - Special Topics in Global Cinema
- CNST 489 - Special Topics in Film
- CNST 495 - Modern China in Film

Production

- ARTC 401 - Experiments in Sequencing
- ARTC 439 - Special Topics in Four-Dimensional Arts
- CNST 365 - Writing the Screenplay
- CNST 431 - The Business of Cinema
- CNST 435 - Narrative Filmmaking
- CNST 436 - Video Art
- JREM 336 - Video Production
- JREM 436 - Advanced Video Production
- JREM 446 - Documentary Video Production
- JREM 480 - Media Programming in the Digital Era

Other

- CNST 490 - Internship
- CNST 491 - Foreign Study
- CNST 492 - Off-Campus Study
- CNST 493 - Independent Study

Note:

Majors are encouraged to take courses, or even minor or major, in related areas (e.g., Journalism and Electronic Media, Four-Dimensional Arts, English, History, Modern Foreign Languages and Literatures, Music, Theatre).

**Cinema Studies – Honors Concentration**

Candidates for the honors concentration must fulfill all the requirements for the Cinema Studies major and must satisfy the following stipulations:

- Complete 12 hours of honors CNST courses at the 300-level or above. Any 300- or 400-level courses approved for Cinema Studies credit, including CNST 493, may be taken through honors-by-contract with the permission of the instructor. Cinema Studies courses taken at the graduate level for undergraduate credit may be petitioned to count for honors credit in Cinema Studies.
- Complete 3 hours of CNST 493 - Independent Study
- Maintain a 3.5 GPA in all courses required for the Cinema Studies concentration
- Maintain an overall 3.25 GPA

\* Meets University General Education Requirement.

### Requirements for Cinema Studies Major

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	Completion of at least 12 credit hours
Foreign Language (intermediate level) *	3	
Natural Sciences Lab*	4	
Quantitative Reasoning Electives*	3-4	
<sup>1</sup> Elective	1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	
Natural Sciences Lab (continuation of sequence) *	4	
Quantitative Reasoning Electives*	3-4	
<sup>1</sup> Elective	1-2	
Term 3		
CNST 281*	3	ENGL 102*
Communicating Orally Elective*	3	
Foreign Language or Elective	3	
Non-U.S. History*	3	
Social Sciences*	3	
Term 4		
Arts and Humanities (List A) *	3	CNST 281*
Communicating through Writing Elective*	3	
CNST 236 or JREM 336	3	
Foreign Language or Elective	3	
Non-U.S. History (continuation of sequence) *	3	
Term 5		
Arts and Humanities (List A or B) *	3	CNST 236 or JREM 336
Cinema Studies (major)	3	
CNST 435 or CNST 436 or JREM 436 (an additional course)	3	
Social Sciences*	3	
Global Challenges	3	
Term 6		
Cinema Studies (major)	6	Completion of at least 9 upper-division (300-400 level) hours
<sup>2</sup> Connections	3	

Electives (300-400 level)	6	
<b>Term 7</b>		
Cinema Studies (major)	6	Completion of at least 24 total upper-division (300-400 level) hours
<sup>2</sup> Connections	3	
<sup>1</sup> Electives	6	
<b>Term 8</b>		
Cinema Studies (major)	6	Completion of at least 42 total upper-division (300-400 level) hours
<sup>2</sup> Connections	3	
<sup>1</sup> Electives	6	
<b>TOTAL (minimum)</b>	<b>120</b>	

\* Meets University General Education Requirement.

<sup>1</sup> All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

<sup>2</sup> The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

*Rationale: Former IDP program that is being dropped as an IDP and moved to its own program housed in the School of Art.*

#### **^ADD MINOR**

#### **Cinema Studies Minor**

*Dr. Maria Stehle, Modern Foreign Languages and Literature, Co-chair*

*Dr. Paul Harrill, School of Art, Co-chair*

For further information about the minor, consult a chairperson of the cinema studies program. Courses related to cinema studies and not listed below may be applied to the minor with the approval of the chair of the program.

#### **Minor Requirements**

The minor consists of 15 hours. It is strongly recommended that CNST 281\* be taken before any other courses in the minor.

##### **Complete:**

- CNST 281 - Introduction to Film Studies \*

Select 3 hours:

- CNST 235 - Introduction to Digital Media and 16mm Film as Art
- CNST 236 - Introduction to Cinema and Video Art
- JREM 336 - Video Production
- JREM 350 - Digital News Reporting

Select 9 additional hours:

- any cinema studies courses
- any courses cross-listed with cinema studies
- JREM 336 - Video Production
- JREM 436 - Advanced Video Production

\* Meets University General Education Requirement.

Mid-  
impact:  
Add  
program  
pending  
THEC  
approval  
of the  
major

*Rationale: Former IDP program that is being dropped as an IDP and moved to its own program housed in the School of Art.*

## DIVISION OF BIOLOGY

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Biological Sciences Major, BS – Biochemistry and Cellular and Molecular Biology Concentration

##### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or

#### Requirements for Biological Sciences Major – Biochemistry and Cellular and Molecular Biology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 3		
BIOL 240	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 130* with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268	3	
Foreign Language (intermediate level) *	3	
PHYS 221*	4	
<sup>1</sup> Elective	1	
Term 4		
BIOL 220 or BIOL 260 or BIOL 280	2-3	ENGL 102*
CHEM 360 or CHEM 368; <del>CHEM 359</del> <del>CHEM 369</del>	5	CHEM 130* or CHEM 260 with a grade of C or better
Foreign Language (intermediate level) *	3	Select an additional course from: BIOL 160* or BIOL 220 or BIOL 240 or BIOL 260 or BIOL 280 with a grade of C or better
PHYS 222*	4	
<sup>1</sup> Elective	0-1	

*Rationale: updating program to reflect changes made in Chemistry and Math. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Biological Sciences Major, BS – Ecology and Evolutionary Biology Concentration

**Prerequisites**

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or

Note:

MATH 132\*-MATH 142\*, MATH 141\*-MATH 142\* or MATH 151\*-MATH 152\* can be used to satisfy ecology and evolutionary biology requirements. However, MATH 132\*-MATH 142\*, or MATH 141\*-MATH 142\* is recommended for students with a strong interest in quantitative ecology and is prerequisite to several courses that satisfy the ecology and evolutionary biology quantitative requirement.

**EEB Concentration****I. Quantitative Requirement**

A. Select one course:

- EEB 475 - Conversational Biomathematical Modeling
- EEB 476 - Theoretical Ecology and Its Applications

**II. Upper-Division Courses**

- EEB 401- Natural History Collections Research
- EEB 410 Ecological and Evolutionary Developmental Biology
- EEB 444 Diversity of TN Fishes
- EEB Aquatic Macroecology and Conservation
- EEB 475 – Conversational Biomathematical Modeling (may be used to satisfy EITHER EEB Quantitative Requirement OR EEB Upper-Division course hours)
- EEB 476 – Theoretical Ecology and Its Applications (may be used to satisfy EITHER EEB Quantitative Requirement OR EEB Upper-Division course hours)
- EEB 492 Off Campus Internship in Ecology and evolutionary Biology

**III. Remaining Hours**

- CHEM 359 - In-depth Organic Chemistry Laboratory
- ~~CHEM 369 – Organic Chemistry Laboratory – Preprofessional, Non-chemistry Majors~~

**Honors Option – Ecology and Evolutionary Biology Concentration**

Requirements for the honors option are:

- complete 9 hours of honors-by-contract coursework from EEB 400, EEB 490, EEB 492, EEB 493 and other upper-division ecology and evolutionary biology courses available for major credit in the concentration.

**Requirements for Biological Sciences Major – Ecology and Evolutionary Biology Concentration**

Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 120* or CHEM 130* with a grade of C or better
ENGL 102* (or equivalent)	3	
MATH 132*, MATH 142*, MATH 148*, or MATH 152*	3-4	
<sup>1</sup> Elective	0-1	



Low-  
impact:  
Revise  
program

*Rational: More options are given to students for completing concentration requirements. Also updates to reflect changes made in Math. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Biological Sciences Major, BS – Microbiology Concentration

#### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus\*
- MATH 142 – Calculus II\*
- or

#### Microbiology Concentration

I. Complete:

- CHEM 269 - Foundations in Organic Chemistry Laboratory
- ~~CHEM 369 – Organic Chemistry Laboratory – Preprofessional, Non-chemistry Majors~~
- CHEM 359 - In-depth Organic Chemistry Laboratory

#### Requirements for Biological Sciences Major – Microbiology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
<b>Term 3</b>		
BIOL 220-BIOL 229	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 130* with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268	3	
Foreign Language (intermediate level) *	3	
PHYS 221*	4	
<sup>1</sup> Elective	0-1	
<b>Term 4</b>		
BIOL 240, BIOL 260, or BIOL 280	2-4	ENGL 102*
CHEM 360 or CHEM 368; <del>CHEM 359</del> <del>CHEM 369</del>	5	CHEM 130* or CHEM 260- <del>CHEM 269</del> with a grade of C or better
Foreign Language (intermediate level) *	3	Select an additional course from: BIOL 160*, BIOL 220-BIOL 229, BIOL 240, BIOL 260, or BIOL 280 with a grade of C or better
PHYS 222*	4	
<sup>1</sup> Elective	0-1	

*Rationale: updating program to reflect changes made in Chemistry. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Chemistry Major, BS

#### Prerequisites

A minimum grade of C must be earned in all prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or

#### Corequisites

A minimum grade of C must be earned in all corequisites

Select one sequence: (no change)

Select one Course: (no change)

#### Major Requirements

Complete all of the Foundational Lecture Courses: (no change)

~~Complete Select an additional 8 hours:~~

~~8 additional credit hours from chemistry courses at the 300 or 400 level (Only BCMB 419 may also count towards the 8 additional credit hours outside of Chemistry). No more than 6 units of undergraduate research credit hours (CHEM 300, CHEM 400, CHEM 408) may count toward this requirement.~~

- CHEM 306 – Chemistry Seminar
- 6 additional credit hours from chemistry courses at the 300 or 400 level. (Only BCMB 419 may also count towards the 6 additional credit hours outside Chemistry).

Notes:

For students planning careers in chemistry, the recommended courses (from the list above) are MATH 132 or MATH 141\*-MATH 142\*, PHYS 135\*-PHYS 136\* or PHYS 137\*-PHYS 138\*; although not required, certain additional courses are strongly suggested for students planning to become chemists: MATH 241 and CHEM 306 CHEM 406\*. Because professional chemists need a reading knowledge of foreign languages, intermediate level competency should be acquired in German, French, Russian or Japanese. Students who are undecided about their career goals should consult the head of the department at the earliest opportunity. Unlike the Bachelor of Science in Chemistry, the regular Bachelor of Science degree is not approved by the Committee on Professional Training of the American Chemical Society.

#### Chemistry major, BS – Honors Concentration

Candidates for the honors concentration must fulfill all of the requirements for either the Bachelor of Science in Chemistry or the regular Bachelor of Science degree and must satisfy the following stipulations:

- Complete MATH 132\* or MATH 141\* and MATH 142\* (grades of C or better)

#### Requirements for Chemistry Major, BS

Term 2		
CHEM 130* or CHEM 138*	4	CHEM 120* or CHEM 128*
ENGL 102* (or equivalent)	3	ENGL 101*

Foreign Language (intermediate level) *	3	MATH 130, <b>MATH 131</b> , or Math ACT score of 28 or higher
<b>MATH 132*</b> , MATH 142* or MATH 148*	4	
<sup>1</sup> A&S elective requirements	3	
<b>Term 3</b>		
<sup>2</sup> Cognitive elective requirement	3	CHEM 130* or <b>CHEM 138*</b>
CHEM 260 (Foundation Course)	3	<b>MATH 132*</b> or MATH 141*
CHEM 210 (Foundation Course)	3	ENGL 102*
Foundation Lab (must complete 4 of 5 from CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389)	1	
PHYS 135* or PHYS 137* or PHYS 221*	4-5	
<b>Term 4</b>		
An additional foundation lecture course (CHEM 330 or CHEM 370 or CHEM 380)	3	CHEM 210 or CHEM 260 with grade of C or higher
Foundation Lab (must complete 4 of 5 from CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389)	1	Complete 1 of 5 Foundation Lab courses with grades of C or better
<b>CHEM 306*</b>	<b>3</b>	
PHYS 136* or PHYS 138* or PHYS 222*	4-5	MATH 142*
<sup>1</sup> A&S elective requirements	6	
<b>Term 5</b>		
Complete remaining foundation lectures	6	Complete 3 of 5 Foundation Lecture courses with grades of C or higher
Complete remaining foundation labs	2	Complete 2 of 5 Foundation Lab courses with grades of C or higher
		<b>CHEM 306</b>
<sup>1</sup> A&S elective requirements	9	PHYS 135* or PHYS 137* or PHYS 221*
<b>Term 8</b>		
<del><b>CHEM 406* (satisfies OC)</b></del>	<b>4</b>	No milestones
Chemistry Elective	2-3	
<sup>1</sup> A&S elective requirements	10	
<b>TOTAL (minimum)</b>	<b>120</b>	

*Rationale: There are two changes to the chemistry degree. First, we are requiring a C or better for all courses listed as prerequisite and corequisite to the major. This should better prepare students for the courses in the major. Second, we are adding CHEM 306, an OC course to align with the upcoming general education changes in the VolCore curriculum. To help offset the addition of CHEM 306, we are removing two elective hours (from 4 to 8). Also updates to reflect the newly proposed course in mathematics, MATH 132 which will have the same learning outcomes as MATH 141 and should be accepted wherever MATH 141 is required. Impact on other units: any degree requiring CHEM 120-130. Financial impact: none.*

## REVISE REQUIREMENTS

### Chemistry Major, BS, ACS Certified

#### Prerequisites

**A minimum grade of C must be earned in all prerequisites.**

Select one sequence:

Low-  
impact:  
Revise  
program

- MATH 132 - Calculus 1B infused with precalculus
- MATH 142 – Calculus II
- or

### Corequisites

A minimum grade of C must be earned in all corequisites.

### Major Requirements

Complete:

~~In-depth course~~

~~• CHEM 360 – In-depth Organic Chemistry~~

~~• or~~

~~• CHEM 368 – Honors: In-depth Organic Chemistry (prerequisite to CHEM 490 and BCMB 401)~~

~~Three~~ Two of the following in-depth lecture courses:

- CHEM 360 (or preferably Honors CHEM 368)

Complete:

• CHEM 306 – Chemistry Seminar

~~• CHEM 406 – Senior Seminar \*~~

### BS Chemistry-ACS certified degree program-Honors concentration

Candidates for the honors concentration must fulfill all of the requirements for either the Bachelor of Science in Chemistry or the regular Bachelor of Science degree and must satisfy the following stipulations:

- ~~• Complete MATH 141\*, MATH 142\* (grades of C or better)~~
- ~~• Complete PHYS 135\*, PHYS 136\* or PHYS 137\* PHYS 138\* (grades of C or better)~~

### Requirements for Chemistry Major, BS, ACS Certified

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 119 or Math ACT score of 25 or higher
ENGL 101* (or equivalent)	3	
<sup>1</sup> Foreign Language (intermediate level)*	3	
MATH 132, MATH 141* or MATH 147*	4	
Term 2		
CHEM 130* or CHEM 138*	4	CHEM 120*
ENGL 102* (or equivalent)	3	ENGL 101*
<sup>1</sup> Foreign Language (intermediate level)*	3	MATH 130, MATH 131, or Math ACT score of 28 or higher
MATH 142* or MATH 148*	4	
A and S Elective Requirements	3	
Term 3		
CHEM 260 (Foundation Course)	3	CHEM 130*
CHEM 210 (Foundation Course)	3	MATH 132* or MATH 141*
Foundation Labs CHEM 219 and CHEM 269	2	ENGL 102*
PHYS 135* or PHYS 137*	4-5	
<del>A and S Elective Requirements</del>	<del>3</del>	

Term 4		
An additional Foundation lecture course (CHEM 330 or CHEM 370 or CHEM 380)	3	CHEM 210 and CHEM 260 with grade of C or higher
An additional Foundation lab (must complete all CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389)	1	CHEM 219 and CHEM 269 with grade of C or higher
CHEM 360	3	MATH 142*
CHEM 306	3	PHYS 135* or PHYS 137*
MATH 241	4	
PHYS 136* or PHYS 138*	4-5	
A and S Elective Requirements	6 5	
Term 5		
Complete remaining Foundation lectures	6	Complete 3 of 5 Foundation lecture courses with grades of C or higher
Complete remaining Foundation labs	2	CHEM 306, MATH 241
A and S Elective Requirements	9 6	PHYS 136* or PHYS 138*
Term 8		
<del>CHEM 406* (satisfies OC requirement)</del>	4	Complete CHEM 400 (or CHEM 408)
Complete 2 of 3 <del>3 of 4</del> In-depth Chemistry lecture courses (CHEM 311, <del>CHEM 360</del> , CHEM 430, CHEM 470)	6 3	
CHEM 400 or CHEM 408	2-3 3	
A and S Elective Requirements	5 6	
<b>TOTAL (minimum)</b>	<b>128-132</b>	

*Rationale: There are two changes to the chemistry degree. First, we are requiring a C or better for all courses listed as prerequisite and corequisite to the major. This should better prepare students for the courses in the major. Second, we are adding CHEM 306, an OC course to align with the upcoming general education changes in the VolCore curriculum and removing CHEM 406. To help offset the addition of CHEM 306, we are removing two elective hours (from 4 to 8). Also updates to reflect the newly proposed course in mathematics, MATH 132 which will have the same learning outcomes as MATH 141 and should be accepted wherever MATH 141 is required. Impact on other units: any program requiring 120, 130. Financial impact: none.*

## DEPARTMENT OF CLASSICS

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Classics Major, BA – Honors Classical Archaeology Concentration

The Honors Classical Archaeology Concentration consists of 30 hours. The required core of the major is CLAS 232\*, which the student must pass with a B+ or higher. 9 hours may be from any Classics course numbered 200 or above (excluding CLAS 273). In strict consultation with a departmental advisor, the student pursuing Honors in Classical Archaeology will select an additional 15 hours from ANTH 361, ANTH 362, ANTH 435, ANTH 463, ANTH 464; CLAS 299\*, CLAS 302, CLAS 304, CLAS 305, CLAS 306, CLAS 309, CLAS 436, CLAS 439, CLAS 442, CLAS 443, CLAS 444, CLAS 445, CLAS 446, CLAS 461, ~~CLAS 462, CLAS 465~~; HIME 382, HIME 400, HIME 486 to design a program that will advance his or her understanding of a particular specialty within the field of Classical Archaeology. The student must satisfy the College's foreign language requirement with Greek, Latin, French or German. To graduate with Honors, the student must maintain a minimum B+ average in Classics department courses and a minimum cumulative B+ average at UT. In total, the student must take a minimum of 15 hours

of Honors courses, not all of which need to be in the major subject area. **These 15 hours include 3 thesis hours (CLAS 498).** The student will present an Honors thesis (CLAS 498) which must receive a grade of B+ or higher to permit graduation with Honors.

*Rationale: Adds the new courses CLAS 462, Ancient Greek and Roman Technology, and CLAS 465, Archaeology of the Trojan War, to the list of courses that count towards the major. Clarifies that the three hours for the required honors thesis, CLAS 498, count towards the 15 hours of honors courses required for an honors degree. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Classics Major, BA – Honors Classical Civilization Concentration

The Honors Classical Civilization concentration consists of 30 hours. The required core of the major is CLAS 201\*, which the student must pass with a B+ or higher. 9 hours may be from any courses in the Classics Department numbered 200 and above (excluding CLAS 273). In strict consultation with a departmental advisor, the student pursuing Honors in Classical Civilization will select an additional 15 hours from Classics CLAS 299\* and courses numbered 300 or above, HIME 382 and HIME 400, and PHIL 320\*, to design a program that will advance his or her understanding of a particular specialty within the field of Classical Civilization. To graduate with Honors, the student must maintain a minimum B+ average in Classics Department courses and a minimum cumulative B+ average at UT. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. **These 15 hours include 3 thesis hours (CLAS 498).** The student will present an Honors thesis (CLAS 498) which must receive a grade of B+ or higher to permit graduation with Honors.

*Rationale: Clarifies that the three hours for the required honors thesis, CLAS 498, count towards the 15 hours of honors courses required for the honors degree. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Classics Major, BA – Greek Concentration Select 9 hours:

Note: ~~CLAS-201\*~~ and CLAS 273 may not be used for the major.

### Requirements for Classics Major – Greek Concentration

Term 5		
Classics (major)	3	CLAS 251* with a grade of C or better
Communicating Orally Elective*	3	Additional Classics 200-level or above (excluding <del>CLAS-201*</del> and CLAS 273) or HIME 382 or HIME 400 or PHIL 320 with a grade of C or better
<sup>2</sup> Connections	3	
<sup>1</sup> Electives	6	

*Rationale: the faculty have decided that CLAS 201 may be used towards the major. Impact on other units: none. Financial impact: none.*

Low-  
impact:

## REVISE REQUIREMENTS

### Classics Major, BA – Honors Greek Concentration

Revise  
program

The Honors Greek concentration consists of 30 hours. The student must maintain a minimum B+ average in Greek language courses and a minimum cumulative B+ average at UT. In strict consultation with a departmental advisor, the student pursuing Honors in Greek will select 9 non-language hours from among the courses below, of which 6 must be in courses numbered 300 or higher. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. **These 15 hours include 3 thesis hours (CLAS 498).** The student will present an Honors thesis (CLAS 498) which must receive a grade of B+ or higher to permit graduation with Honors.

Select 9 hours:

Note: ~~CLAS 201\*~~ and CLAS 273 may not be used for the major.

*Rationale: the faculty have decided that CLAS 201 may be used towards the major. Clarifies that the three hours for the required honors thesis, CLAS 498, count towards the 15 hours of honors courses required for an honors degree. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Classics Major, BA – Latin Concentration

#### Select 9 hours:

Note: ~~CLAS 201\*~~ and CLAS 273 may not be used toward the major.

#### Requirements for Classics Major – Latin Concentration

Term 5		
Classics (major)	3	CLAS 251* with a grade of C or better
Communicating Orally Elective*	3	Additional Classics 200-level or above (excluding <del>CLAS 201*</del> and CLAS 273) or HIME 382 or HIME 400 or PHIL 320 with a grade of C or better
<sup>2</sup> Connections	3	
<sup>1</sup> Electives	6	

*Rationale: the faculty have decided that CLAS 201 may be used towards the major. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Classics Major, BA – Honors Latin Concentration

The Honors Latin concentration consists of 30 hours. The student must maintain a minimum B+ average in Latin language courses and a minimum cumulative B+ average at UT. In strict consultation with a departmental advisor, the student pursuing Honors in Greek will select 9 non-language hours from among the courses listed below, of which 6 must be in courses numbered 300 or higher. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. **These 15 hours include 3 thesis hours (CLAS 498).** The student will present an Honors thesis (CLAS 498) which must receive a grade of B+ or higher to permit graduation with Honors.

Select 9 hours:

Note: ~~CLAS 201\*~~ and CLAS 273 may not be used for the major.



*Rationale: the faculty have decided that CLAS 201 may be used towards the major. Clarifies that the three hours for the required honors thesis, CLAS 498, count towards the 15 hours of honors courses required for an honors degree. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Greek Minor

The minor consists of 18 hours. ~~CLAS 201\*~~ and CLAS 273 may not be used for the minor.

*Rationale: the faculty have decided that CLAS 201 may be used towards the minor. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Latin Minor

The minor consists of 18 hours. ~~CLAS 201\*~~ and CLAS 273 may not be used for the minor.

*Rationale: the faculty have decided that CLAS 201 may be used towards the minor. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF EARTH AND PLANETARY SCIENCES

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Geology and Environmental Studies Major, BS – Environmental Studies Concentration

#### Corequisites

- B. Complete ~~two~~ ~~one~~ courses:
- GEOL 101 - The Dynamic Earth
  - ~~GEOL 102 - Earth, Life, and Time~~
  - GEOL 103 - The Earth's Environments
  - ~~GEOL 104 - Exploring the Planets~~
- D. Select one sequence:
- MATH 123 - Finite Mathematics \*
  - MATH 125 - Basic Calculus \*
  - or
  - MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
  - or
  - MATH 141 - Calculus I \*
  - MATH 142 - Calculus II \*
  - or
  - MATH 151 - Mathematics for the Life Sciences I \*
  - MATH 152 - Mathematics for the Life Sciences II \*

#### Concentration Requirements

- B. Complete five courses:
- ~~GEOL 301 - Introduction to Scientific Field Methods and Analysis~~
  - GEOL 310 - Mineralogy

- GEOL 424 – GIS for Geoscientists
- GEOL 425 – Data Analysis for Geoscientists
- GEOL 443 – Sustainable Cities and Landscapes
- GEOL 450 – Landscapes Earth and Elsewhere
- GEOL 452 – Cave and Karst Geology
- GEOL 459 – Introduction to Oceanography
- GEOL 461 – Organic Geochemistry
- GEOL 462 – Environmental Aqueous Geochemistry
- GEOL 464 – Water Sustainability and Climate
- GEOL 465 – Geomicrobiology
- ~~GEOL 466 – Water and Air Pollution~~
- GEOL 471 – Applied Geophysics

### Requirements for Geology and Environmental Studies Major – Environmental Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	Completion of at least 12 credit hours
CHEM 100*, CHEM 120*, CHEM 128* or PHYS 221*	4	
Foreign Language (intermediate level) *	3	
MATH 123*, MATH 125*, <b>MATH 132*</b> , MATH 141*, MATH 147*, or MATH 151*	3-4	
<sup>1</sup> Electives	1	
Term 3		
BIOL 101*, BIOL 113*-BIOL 115*, BIOL 150*-BIOL 159*, or BIOL 158*-BIOL 167*	4-5	BIOL 101* or BIOL 113* or BIOL 150*
Environmental Studies (major)	3	GEOL 101* or GEOL 102* or GEOL 103* or GEOL 104*
GEOL 101*, GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*	4	MATH 123* or MATH 125* <b>or MATH 132*</b> or MATH 141* or MATH 151*
GEOL 202* or GEOL 206	3	
<sup>1</sup> Elective	1	

*Rationale: updating requirements to reflect the addition of MATH 132. MATH 132 will have the same learning outcomes as MATH 141 and should be accepted where MATH 141 is required. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Geology and Environmental Studies Major, BS – Geology Concentration

##### Prerequisites

B. Select **GEOL 101 (The Dynamic Earth)** and one of these ~~two courses~~:

- ~~GEOL 101 – The Dynamic Earth~~

##### Corequisites

A. Select one sequence:

- **MATH 132 - Calculus 1B infused with precalculus**
- **MATH 142 – Calculus II**
- or

### Requirements for Geology and Environmental Studies Major – Geology Concentration

Term 1	Hours	Milestone Notes
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Low-  
impact:  
Revise  
program

CHEM 120* or CHEM 128*	4	GEOL 101* <del>or GEOL 102* or GEOL 103* or GEOL 104*</del>
ENGL 101* (or equivalent)	3	MATH 119 or Math ACT 25
GEOL 101*, <del>GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*</del>	4	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
<sup>1</sup> Elective	0-1	
<b>Term 2</b>		
CHEM 130* or CHEM 138*	4	CHEM 120* <del>or MATH 132*</del> or MATH 141* or MATH 151*
Completion of required math sequence*	3-4	ENGL 101*
ENGL 102* (or equivalent)	3	
<del>Second course from GEOL 101*, GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*</del>	4	
<sup>1</sup> Elective	0-1	
<b>Term 3</b>		
Arts and Humanities (List A or B) *	3	<del>Select an additional course from: GEOL 101* or GEOL 102* or GEOL 103* or GEOL 104*</del>
BIOL 113*-BIOL 115*, BIOL 150*-BIOL 159*, or BIOL 158*-BIOL 167*	4-5	
Foreign Language (intermediate level) *	3	
GEOL 310	4	
Social Sciences*	3	

*Rationale: Now requiring Geology concentration majors to take GEOL 101 in addition to 103 as students were not getting enough basic physical geology. Also dropping 2 classes no longer offered in the concentration and adding 12 classes in the concentration taught on a regular basis. Also updating requirements to reflect the changes in the general chemistry program as well as the addition of MATH 132. MATH 132 will have the same learning outcomes as MATH 141 and should be accepted where MATH 141 is required. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF ECONOMICS (ARTS AND SCIENCES)

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Economics Major, BA (Arts and Sciences)

#### Major Requirements

##### Notes:

1. Majors should satisfy the quantitative reasoning requirement with MATH 125\*, ~~MATH 132\*~~, or MATH 141\*, and STAT 201\* or STAT 207\*.
2. Students planning to pursue graduate study in economics should elect ~~MATH 132\* or~~ MATH 141\* and are encouraged to take MATH 142\*, MATH 251, ECON 381, and ECON 482 as well.

#### Requirements for Economics Major (Arts and Sciences)

Term 1	Hours	Milestone Notes
--------	-------	-----------------

ENGL 101* (or equivalent)	3	MATH 119 or Math ACT score of 25 or higher
Foreign Language (intermediate level) *	3	
MATH 125* or <b>MATH 132* or MATH 141*</b> or MATH 147*	3-4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-1	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 125* or <b>MATH 132* or MATH 141*</b>
Natural Sciences Lab (continuation of sequence) *	4	
ECON 211* or ECON 217*	3	
STAT 201* or STAT 207*	3	

*Rationale: updating to reflect newly proposed mathematics course, MATH 132 which will have the same learning outcome as MATH 141 and should be accepted where MATH 141 is required. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Honors Concentration – Economics (Arts and Sciences)

The major consists of either 30 upper-division hours in economics or 27 hours of upper-division hours in economics and a three-hour sequence in professional development. ~~The honors concentration consists of 30 upper-division hours in economics.~~ Admission is limited to students with an overall GPA of 3.2 who have earned a B or better in ECON 311, ECON 313, and two other upper-division economics courses. ECON 381 (Econometrics) is strongly recommended to Honors students, and valuable to take prior to the Honors Thesis. In addition to ECON 498 students in the honors concentration are required to have 9 hours of other honors courses which may include honors-by-contract courses.

#### III. ~~Complete A or B~~ **Select 9 hours:**

- ~~• 300- or 400-level ECON courses~~

##### A. ~~Select:~~

- ~~• 9 hours of 300- or 400-level ECON courses~~

##### B. ~~Complete:~~

- ~~• 1-hour BUAD 200~~
- ~~• 1-hour BUAD 300~~
- ~~• 1-hour BUAD 405~~
- ~~• 6 hours 300- or 400-level ECON Courses~~

*Rationale: Concentration requirements would not be similarly amended. This proposal seeks to address the needed amendment. Economics Majors through the Haslam College of Business are required to take 4 one-credit courses in professional development. The Economics Faculty wish for our Arts & Sciences Economics undergraduates to take the last three of the four course sequence in professional development. (BUAD 200 - Integrity: Becoming an Ethical Leader and Effective Communicator, BUAD 300 - Insight: Becoming Personally and Professionally Aware as a Leader, and BUAD 405 - Impact: Becoming a Leader Who Makes a Positive Difference). The Haslam College created the four-course sequence as a response to feedback from employers regarding the need for more professional development of our students. We see this gap in our A&S students and have chosen to allow for the option of the BUAD 200, 300, 405 course sequence to replace 3 hours of upper-division coursework. We feel that this would not diminish the Economics training because the department only recently added 3 hours of upper-division*

*Economics to our major in 2015 bringing the total number of hours to 30. This has been challenging for some of our students to achieve because of scheduling conflicts. Adding this sequence should achieve both goals. Impact on other units: The Haslam College of Business has agreed to either handle the minimal increase in capacity or work with the Department of Economics to handle any larger-than-expected increase in capacity. Financial impact: If capacity becomes an issue and the Economics Department is prepared to staff sections for extra service pay for at \$2,000 per credit hour.*

## DEPARTMENT OF ENGLISH

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS (multiple concentrations)

#### English Major, BA - Creative Writing Concentration

##### 1660-1900 Literature

- ENGL 424 – Jane Austin

#### English Major, BA - Rhetoric and Writing Concentration

##### 1660-1900 Literature

- ENGL 424 – Jane Austin

#### English Major, BA - Technical Communications Concentration

##### 1660-1900 Literature

- ENGL 424 – Jane Austin

#### English Major, BA - Literature Concentration

##### Select one additional literature course:

- ENGL 424 – Jane Austin

*Rationale: Jane Austen is one of the most influential and widely read authors in the English-speaking world. This course explores Austen's novels in the context of 18th- and 19th-century British cultural and political history, the development of the novel, gender and sexuality, and related issues. As such, ENGL 424 fulfills the same BA learning objectives as the other courses in these categories and deserves a place on both lists. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF GEOGRAPHY

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Geography Major, BA-Space, Society, and Cultural Concentration Major Requirements

##### Select five courses (at least 15 hours):

- ~~GEOG 343 - Geography of Human Rights~~
- GEOG 349 - Geography of Human Rights: Europe and Asia
- GEOG 350 - Geography of Human Rights: Africa and the Americas

Low-  
impact:  
Revise  
program

*Rationale: To reflect changes to geography courses. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Sustainability Major, BA in Geography (uTrack Requirements)

Term 3		
Arts and Humanities (List A) *	3	GEOG 131* or GEOL 103*
GEOL 206	3	
Non-U.S. History*	3	
Sustainability (major) <del>SOCI 250*</del>	3	
<sup>1</sup> Elective	3	
Term 5		
BIOL 260-BIOL 269 or FWF 250*	3-4	<del>SOCI 250*</del>
Sustainability (major)	6	
<sup>1</sup> Electives	6	

*Rationale: SOCI 250 was dropped as a required course in catalog 2018-2019 but was never removed from u-track for the major. Updating u-track to reflect this prior change. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Sustainability Minor

#### Minor Requirements

##### Sustainability Challenges

Select one course:

- FWF 320 – Human Dimensions of Natural Resource Economics
- ~~GEOL 202 Earth as an Ecosystem: Modern Problems and Solutions~~
- PHIL 346 – Environmental Ethics

##### Economics and Policy

Select ~~one course~~ ~~two courses~~:

- AREC 270 - Economic Perspectives of Natural Resources/Environmental Issues
- GEOG 451 – The Global Economy
- ~~FORS 422 Forest and Wildland Resource Policy~~
- ~~FWF 320 – Human Dimensions of Natural Resources~~

##### Resource Management

Select ~~two courses~~ ~~one course~~:

- ~~CSAS 345 Green Construction and Construction Safety~~
- GEOG 204 – Understanding Climate Change
- GEOG 433 – Landform Analysis and Landscape Planning
- GEOG 434 - Climatology
- GEOG 443 – Sustainable Cities and Landscapes
- GEOL 456 – Global Climate Change

*Rationale: revising showcase of courses available to complete the minor. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF HISTORY

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### History Major, BA

#### Major Requirements

Select 24 upper-division hours including at least 6 hours at 400 level:

Select one course in United States History:

- HIUS 301 – Borders, Burritos, and Gringos: The Entangled Histories of the United States and Mexico
- HIUS 302 – The History of Immigration in the U.S. and the World
- HIUS 381 – History of Tennessee
- HIUS 382 – Appalachian History
- HIUS 451 – Medicine and Healing in the Age of Slavery

Select two courses (from two different areas):

Latin America

- HILA 370 – Latin American History at the Movies
- HILA 460 – The life and Times of Ernesto “Che” Guevara
- HILA 463 – History of the Spanish Inquisition

*Rationale: revising showcase of courses available to complete the Major. Impact on other units: none. Financial impact: none.*

#### Honors Concentration – History

Select 24 upper-division hours:

Select one course in United States History:

- HIUS 301 – Borders, Burritos, and Gringos: The Entangled Histories of the United States and Mexico
- HIUS 302 – The History of Immigration in the U.S. and the World
- HIUS 381 – History of Tennessee
- HIUS 382 – Appalachian History
- HIUS 451 – Medicine and Healing in the Age of Slavery

Select two courses (from two different areas):

Latin America

- HILA 370 – Latin American History at the Movies
- HILA 460 – The life and Times of Ernesto “Che” Guevara
- HILA 463 – History of the Spanish Inquisition

*Rationale: revising showcase of courses available to complete the major. Impact on other units: none. Financial impact: none.*

## INTERDISCIPLINARY PROGRAMS

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Interdisciplinary Programs Major, BA – Africana Studies Concentration

Select 21 hours:

- AFST 476 – African American Psychology

*Rationale: updating showcase to provide more eligible course options in the major. Impact on other units: none. Financial impact: none*



Low-  
impact:  
End  
program  
to  
change  
dept.

## **^END PROGRAM**

### **Interdisciplinary Programs Major, BA – Cinema Studies Concentration**

*Rationale: Cinema studies is moving to its own degree housed in the School of Art. It will no longer be an IDP.*

Low-  
impact:  
End  
program  
to  
change  
dept.

## **^END PROGRAM**

### **Interdisciplinary Programs Cinema Studies minor**

*Rationale: Cinema studies is moving to its own degree housed in the School of Art. It will no longer be an IDP.*

Low-  
impact:  
Revise  
program

## **REVISE REQUIREMENTS**

### **Interdisciplinary Programs Major, BA – Latin American and Caribbean Studies Concentration – Brazilian Studies Track**

#### **Major Requirements**

The Brazilian studies track requires **30 upper-division hours** offered by at least three different academic departments.

#### **Select 9 hours:**

- PORT 300 Portuguese for Speakers of Another Romance Language
- ~~PORT 400 Portuguese for Speakers of Another Romance Language~~

#### **Select 15 upper-division hours:**

- PORT 300 Portuguese for Speakers of Another Romance Language
- ~~PORT 400 Portuguese for Speakers of Another Romance Language~~
- SPAN 312 - Language in Context II
- ~~SPAN 323 Upper-level Grammar and Composition~~
- ~~SPAN 479 Disenchanted Texts in Hispanic Literature~~

*Rationale: PORT 400 is being dropped and replaced with PORT 300.*

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## **REVISE REQUIREMENTS**

### **Interdisciplinary Programs Major, BA – Latin American and Caribbean Studies Concentration – General Studies Track**

#### **Major Requirements**

#### **Select 27 hours (at least 21 hours must be upper division):**

- PORT 300 Portuguese for Speakers of Another Romance Language
- ~~PORT 400 Portuguese for Speakers of Another Romance Language~~
- SPAN 312 - Language in Context II
- ~~SPAN 323 Upper-level Grammar and Composition~~
- ~~SPAN 479 Disenchanted Texts in Hispanic Literature~~

#### **Term 5**

Communicating through Writing Elective*	3	One course for the LAC Studies Major
PORT 315, PORT 326, or <b>SPAN 312</b> <del>SPAN 323</del>	3	

<sup>1</sup> Electives	9	
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*Rationale: PORT 400 is being dropped and replaced with PORT 300.*

## REVISE REQUIREMENTS

### Interdisciplinary Programs Major, BA – Linguistics Concentration

#### Concentration Requirements

##### Select one course:

- SPAN 315 – Spanish Phonetics and Phonology
- ~~SPAN 421 – Phonetics~~

##### Select 9 hours (in consultation with a linguistics advisor):

- A USP 305 - Phonetics
- LING 423 History of Linguistics
- LING 426 Topics in Linguistic Research Methods
- SPAN 315 – Spanish Phonetics and Phonology
- ~~SPAN 421 – Phonetics~~

### Interdisciplinary Programs Major, BA – Linguistics Concentration (uTrack Requirements)

Term 4		
A USP 305, A USP 320, FREN 421, <del>SPAN 315</del> <del>SPAN 421</del> , or other 3-hour phonetics course approved by the Linguistics faculty	3	ENGL 102*
Foreign Language – Indo-European or non-Indo-European (intermediate level)*	3	Complete four foreign language courses
Non-U.S. History (continuation of sequence)*	3	
Global Challenges	3	
Statistics	3	

*Rationale: The additional classes added are all linguistics classes that are appropriate to broaden students' study of linguistics. These are all options for the "core" classes, but if not taken there, they should be able to be taken as electives. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Interdisciplinary Programs Major, BA – Middle East Studies Concentration

#### Select two courses from one of the following lists (in addition to the Prerequisites):

##### List F: Spanish

- ~~SPAN 305 – Conversation and Aural Comprehension~~
- SPAN 312 - Language in Context II
- ~~SPAN 323 – Upper-level Grammar and Composition~~

## REVISE REQUIREMENTS

### Linguistics Minor

#### Complete (12 hours):

Low-  
impact:  
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program

- A USP 305 - Phonetics **or**
- FREN 421 - Phonetics **or**
- LING 421 - Phonetics **or**
- SPAN 315 – Spanish Phonetics and Phonology
- ~~SPAN 421 – Phonetics~~

**Select 6 hours (in consultation with advisor):**

- A USP 305 Phonetics
- LING 371 – Foundations of the English Language
- LING 372 – The Structure of Modern English
- LING 421 – Phonetics
- LING 423 – History of Linguistics
- LING – Topics in Linguistic Research Methods
- SPAN 315 – Spanish Phonetics and Phonology
- ~~SPAN 421 – Phonetics~~

*Rationale: The additional classes added are all linguistics classes that are appropriate to broaden students' study of linguistics. These are all options for the "core" classes, but if not taken in the core they should be able to be taken as electives. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF MATHEMATICS

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Mathematics Major, BS

##### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or**

##### Major Requirements

The concentration consists of ~~41~~ **40** hours in ~~fourteen~~ ~~thirteen~~ courses divided into five categories: (1) core courses, (2) courses for breadth, (3) courses for education breadth, (4) courses for depth, and (5) additional courses (to reach ~~41~~ **40** hours).

1. For the Core, complete all of the following (or honors equivalents):
  - MATH 295 – Introduction to Mathematical Sciences
2. For Breadth, select one course from each category:
 

Analysis

  - ~~MATH 443 – Complex Variables~~
4. Select additional courses to reach a total of ~~41~~ **40** hours:

##### Requirements for Mathematics Major

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 130, <b>MATH 131</b> , or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)
Foreign Language (intermediate level) *	3	

MATH 132*, MATH 141* or MATH 147*	4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	1	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 132* or MATH 141*
MATH 142* or MATH 148*	4	
Natural Sciences Lab (continuation of sequence) *	4	
<sup>1</sup> Elective	1	
<b>Term 4</b>		
COSC 102 or MATH 171	3-4	ENGL 102*
MATH 295	1	
MATH 251 or MATH 257	3	MATH 241 with a grade of C or better
MATH 300 or MATH 307	3	
Non-U.S. History (continuation of sequence) *	3	
<sup>1</sup> Elective	2-3	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Also, updating requirements to accept new course, MATH 132 as an alternative to MATH 141 as they will have the same learning outcomes. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Mathematics Major, BS – Applied Math Concentration

#### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or

#### Concentration Requirements

The concentration consists of ~~41~~ 40 hours in ~~fourteen~~ ~~thirteen~~ courses divided into five categories: (1) core courses, (2) courses for breadth, (3) courses for education breadth, (4) courses for depth, and (5) additional courses (to reach ~~41~~ 40 hours).

- For the Core, complete all of the following (or honors equivalents):

- MATH 295 - Introduction to Mathematical Sciences

- For Breadth, select one course from each category:

Analysis

- ~~MATH 443 – Complex Variables~~

- Select additional courses to reach a total of ~~41~~ 40 hours.

### Requirements for Mathematics Major, BS – Applied Math Concentration

Term 1	Hours	Milestone Notes
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ENGL 101* (or equivalent)	3	MATH 130, <b>MATH 131</b> , or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)
Foreign Language (intermediate level) *	3	
<b>MATH 132*</b> or MATH 141* or MATH 147*	4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	1	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	<b>MATH 132*</b> or MATH 141*
MATH 142* or MATH 148*	4	
Natural Sciences Lab (continuation of sequence) *	4	
<sup>1</sup> Elective	1	
<b>Term 4</b>		
COSC 102 or MATH 171	3-4	ENGL 102*
<b>MATH 295</b>	<b>1</b>	
MATH 251 or MATH 257	3	MATH 241 with a grade of C or better
MATH 300 or MATH 307	3	
Non-U.S. History (continuation of sequence) *	3	
<sup>1</sup> Elective	2-3	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Course will apply to all concentrations and hours adjusted to reflect 1 additional hour. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Mathematics Major, BS - Math Biology Concentration

#### Prerequisites

Select one sequence:

- **MATH 132 - Calculus 1B infused with precalculus**
  - **MATH 142 – Calculus II**
- or

#### Concentration Requirements

The concentration consists of ~~38~~ **37** hours in ~~thirteen~~ **twelve** courses divided into four categories: (1) core courses, (2) courses for breadth, (3) courses for depth, and (4) additional courses (to reach ~~38~~ **37** hours).

- For the Core, complete all of the following (or honors equivalents):
  - **MATH 295 - Introduction to Mathematical Sciences**
- For Breadth, select one course from each category:
 

Analysis

  - ~~MATH 443 – Complex Variables~~
- Select additional courses to reach a total of ~~38~~ **37** hours.

Low-  
impact:  
Revise  
program

**Requirements for Mathematics Major, BS – Math Biology Concentration**

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 130, <b>MATH 131</b> , or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)
Foreign Language (intermediate level) *	3	
<b>MATH 132* or</b> MATH 141* or MATH 147*	4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	1	
Term 2	Hours	Milestone Notes
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	<b>MATH 132* or</b> MATH 141*
MATH 142* or MATH 148*	4	
Natural Sciences Lab (continuation of sequence) *	4	
<sup>1</sup> Elective	1	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Also, updating requirements to accept new course, MATH 132 as an alternative to MATH 141 as they will have the same learning outcomes. Impact on other units: none. Financial impact: none.*

**REVISE REQUIREMENTS****Mathematics Major, BS - Math Education Concentration****Prerequisites**

Select one sequence:

- **MATH 132 - Calculus 1B infused with precalculus**
  - **MATH 142 – Calculus II**
- or

**Concentration Requirements**

The concentration consists of **41 40** hours in **fourteen thirteen** courses divided into five categories: (1) core courses, (2) courses for breadth, (3) courses for education breadth, (4) courses for depth, and (5) additional courses (to reach **41 40** hours).

1. For the Core, complete all of the following (or honors equivalents):

- **MATH 295 – Introduction to Mathematical Sciences**

5. Select additional courses to reach a total of **41 40** hours:

**Requirements for Mathematics Major, BS – Math Education Concentration**

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 130, <b>MATH 131</b> , or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)

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impact:  
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program

Foreign Language (intermediate level) *	3	
MATH 132* or MATH 141* or MATH 147*	4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	1	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 132* or MATH 141*
MATH 142* or MATH 148*	4	
Natural Sciences Lab (continuation of sequence) *	4	
<sup>1</sup> Elective	1	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Also, updating requirements to accept new course, MATH 132 as an alternative to MATH 141 as they will have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Mathematics Major, BS – Theoretical Math Concentration

#### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or

#### Concentration Requirements

The concentration consists of ~~41~~ 40 hours in ~~thirteen~~ fourteen courses divided into five categories: (1) core courses, (2) courses for breadth, (3) courses for education breadth, (4) courses for depth, and (5) additional courses (to reach ~~41~~ 40 hours).

- For the Core, complete all of the following (or honors equivalents):
  - MATH 295 - Introduction to Mathematical Sciences
- For Breadth, select one course from each category:
 

Analysis

  - ~~MATH 443 – Complex Variables~~
- Select additional courses to reach a total of ~~41~~ 40 hours:

### Requirements for Mathematics Major, BS – Theoretical Math Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 130, MATH 131, or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)
Foreign Language (intermediate level) *	3	
MATH 132* or MATH 141* or MATH 147*	4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	1	

Low-  
impact:  
Revise  
program



Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 132* or MATH 141*
MATH 142* or MATH 148*	4	
Natural Sciences Lab (continuation of sequence) *	4	
<sup>1</sup> Elective	1	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Also, updating requirements to accept new course, MATH 132 as an alternative to MATH 141 as they will have the same learning outcomes. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Mathematics Minor

#### Prerequisites

Select one sequence:

- MATH 132 - Calculus 1B infused with precalculus
  - MATH 142 – Calculus II
- or



*Rationale: Updating requirements to accept new course, MATH 132 as an alternative to MATH 141 as they will have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## MEDICAL LABORATORY SCIENCE

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science – Medical Laboratory Science Major

Term 1	Hours	Milestone Notes
<del>BIOL 101*</del> <del>BIOL 102*</del> or <sup>1</sup> BIOL 150* or BIOL 158*	<del>3</del> 3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One course from BIOL 150* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup>  Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional course from BIOL 150*, CHEM 120*, or CHEM 130* with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
ENGL 102* (or equivalent)	3	
Communicating Orally Elective*	3	
<sup>2</sup>  Quantitative Reasoning Electives*	3-4	
Term 3		

BIOL 240	4	One additional course from BIOL 150* or BIOL 160* with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268- <del>CHEM 269</del>	<del>4</del> 3	
Foreign Language (intermediate level) *	3	
Non-U.S. History*	3	
Social Sciences*	3	
<b>Term 4</b>		
CHEM 360- <del>CHEM 359</del> <del>CHEM 369</del> or CHEM 368- <del>CHEM 359</del> <del>CHEM 369</del>	<del>4</del> 5	One additional course from BIOL 160* or BIOL 240 with a grade of C or better
Non-U.S. History (continuation of sequence) *	3	One additional course from CHEM 130* or CHEM 260 with a grade of C or better
BIOL 220-BIOL 229	<del>5</del> 4	ENGL 102*
Foreign Language (intermediate level) *	3	
Global Challenges (if BIOL 150* not taken)	0-3	
<b>Term 5</b>		
Arts and Humanities (List A or B) *	3	One course from BCMB 230 or BIOL 220-BIOL 229 with a grade of C or better
BCMB 230	5	CHEM 260 with a grade of C or better
MICR 330	3	
Communicating through Writing Elective*	3	
<del>4</del> 3 Connections	3	
<b>Term 6</b>		
Arts and Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
MICR 420-MICR 429	5	
Social Sciences*	3	
<del>4</del> 3 Connections	6	
<b>Term 7 and 8</b>		
Complete the 12-month Medical Laboratory Science program of study at the UT Medical Center in Knoxville by successfully completing the following 36 hours of coursework:		Term 7: Completion of at least 24 upper-division (300-400 level) hours and Term 8: Completion of at least 42 upper-division (300-400 level) hours
MLS 410 - Microbiology I	4	
MLS 411 - Microbiology II	4	
MLS 420 - Clinical Chemistry I	5	
MLS 421 - Clinical Chemistry II	5	
MLS 430 - Hematology and Clinical Microscopy I	4	
MLS 431 - Hematology and Clinical Microscopy II	4	
MLS 440 - Immunohematology I	3	
MLS 441 - Immunohematology II	3	
MLS 450 - Clinical Serology and Immunology	2	
MLS 470 - Orientation and Basic Techniques	1	

MLS 480 - Principles of Supervision and Education in Medicine	1	
<b>TOTAL (minimum)</b>	<b>133 420</b>	

<sup>1</sup> Students who come in with 8-hours of general biology credit and are not pursuing a major that requires Biology 150, should consult with an Arts & Sciences Advisor regarding this requirement

<sup>2</sup> <sup>4</sup> MATH 115\*-MATH 125\*, MATH 123\*-MATH 125\*, **MATH 132**-MATH 141\*-MATH 142\*, MATH 151\*-MATH 152\*, MATH 141\*- MATH 115\*, **MATH 132 or MATH 141\*-STAT 201\*** or MATH 151\*-STAT 201\* are required for pre-medical laboratory science students. Math placement depends on high school courses and grades, ACT scores, and BA/BS requirements.

<sup>3</sup> <sup>2</sup> CLAS 273 and MLS 101 are highly recommended electives.

<sup>4</sup> <sup>3</sup> The Connections requirement may be satisfied in one of three ways:

- 1) completing 9 hours from one of the approved Connections packages,
- 2) completing the requirements for a second major or minor, or
- 3) completing 9 hours of study abroad course work.

<sup>5</sup> <sup>3</sup> Twelve-month programs at UT Medical Center begins in January of each year. Deadline for application is May 15. Details can be found at the following website:  
<http://www.utmedicalcenter.org/for-health-professionals/educational-opportunities/clinical-laboratory-science-medical-technology/>.

*Rationale: updates to reflect program changes made in other departments. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Modern Foreign Languages and Literatures Major, BA – French and Francophone Studies Concentration

Select one 400-level literature course:

- ~~FREN 430 - Theatrical French~~

Select 12 hours:

- ~~FREN 430 - Theatrical French~~
- **FREN 455 - Special Topics in French and Francophone History and Culture**

*Rationale: FREN 430 is being dropped.*

Low-  
impact:  
Revise  
text

### REVISE TEXT

#### Modern Foreign Languages and Literatures Major, BA – French and Francophone Studies Five-Year BA/MA Program (first paragraph)

For qualified students, the Department of Modern Foreign Languages and Literatures offers a Five-Year BA-MA program with a BA major in **Modern Foreign Languages and Literatures with a concentration in** French and Francophone Studies and a non-thesis MA major in French. The primary component of the program is that a qualified student may take up to 9 hours of approved graduate courses for their senior undergraduate electives and have them count toward both the BA degree and the MA degree. Qualifications for admission to the program are:

*Rationale: The major is currently listed as French and Francophone Studies, which is the name of the concentration. The major is Modern Foreign Languages and Literatures.*

Low-  
impact:  
Revise  
text

## REVISE TEXT

### Modern Foreign Languages and Literatures Major, BA – German Five-Year BA/MA Program

(first paragraph)

For qualified students, the Department of Modern Foreign Languages and Literatures offers a Five-Year BA-MA program with a BA major in **Modern Foreign Languages and Literatures with a concentration in German** and a non-thesis MA major in German. The primary component of the program is that a qualified student may take up to 9 hours of approved graduate courses for their senior undergraduate electives and have them count toward both the BA degree and the MA degree. Qualifications for admission to the program are:

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Modern Foreign Languages and Literatures Major, BA – Honors German Concentration

The honors concentration consists of at least 32 hours of German in courses numbered above 300. Students must have at least 12 hours of honors courses, including GERM 477 with a grade of B+ or better **as well as GERM 498 and MFL 495 and MFL 495**. Students may sign up for honors-by-contract courses in German in order to fulfill the 12 hours of honors courses required for the honors concentration of the German major. German honors students will also complete a study abroad experience in a German-speaking country.

*Rationale: Students who are enrolled in this concentration need to prepare an honors thesis or an honors portfolio while enrolling in German 498, which we request to add as enrollment option for students in this program. This requirement needs to be reflected in the program description. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Modern Foreign Languages and Literatures Major, BA – Hispanic Studies Concentration

Majors who study a semester or more abroad must take **SPAN 312 SPAN 323 (must be taken prior to studying study abroad), and they must also take three additional 300/400-level courses in Spanish SPAN 330, and three of the four required 400-level courses** at the University of Tennessee **(prior to or after studying abroad)**. Students whose level of proficiency in Spanish is superior as defined by the ACTFL Proficiency Guidelines may substitute a 400-level course for **SPAN 312 SPAN 323** with consent of the department. **SPAN 311 and 312 are not available to native Spanish speakers or Spanish/English bilinguals, who should instead take SPAN 309 and an additional 300/400-level course with consent of the department. Notes Note: SPAN 300 does not count toward the Hispanic Studies major but is a prerequisite for SPAN 323.** SPAN 401, SPAN 402, **and SPAN 465, SPAN 494, and SPAN 494S** do not count toward the major. **SPAN 311 may not be taken after completion of SPAN 312.**

### Major Requirements

Complete:

- **SPAN 312 – Language in Context I**
- **SPAN 315 – Spanish Phonetics and Phonology**
- ~~SPAN 323 – Upper-level Grammar and Composition~~
- **SPAN 410 – Introduction to Hispanic Linguistics**

Select ~~two courses~~ **one:**

- **SPAN 311-Language in Context I**
- **SPAN 346-Language and Culture of the Hispanic Business World**

Select ~~three courses~~ **two 300-400-level courses in language, literature, or culture:**

- ~~SPAN 305 Conversation and Aural Comprehension~~
  - ~~SPAN 332 Survey of Spanish Literature: 1700-Present~~
  - ~~SPAN 333 Survey of Spanish-American Literature: 1700-Present~~
  - ~~SPAN 334 Survey of Hispanic Literatures: Beginnings-1700~~
  - ~~SPAN 346 Language and Culture of the Hispanic Business World~~
  - ~~SPAN 421 Phonetics~~
  - ~~SPAN 425 Introduction to Descriptive Linguistics~~
  - ~~SPAN 426 Topics in Linguistics Research Methods~~
  - ~~SPAN 479 Disenchanted Texts in Hispanic Literature~~
  - ~~SPAN 480 Social Forces in Hispanic Literary Expression~~
  - ~~SPAN 482 Trends in Hispanic Thought~~
  - ~~SPAN 486 Literary and Artistic Movements in the Hispanic World~~
  - **SPAN 494S-Spanish Community Service Practicum**
  - ~~SPAN 495 Understanding Culture Through Service in a Hispanic Country~~
- Select four 400-level courses in language, literature, or culture:
- ~~SPAN 420 Applied Linguistics~~
  - ~~SPAN 421 Phonetics~~
  - ~~SPAN 422 Advanced Grammar and Translation~~
  - ~~SPAN 423 Advanced Composition and Conversation~~
  - ~~SPAN 425 Introduction to Descriptive Linguistics~~
  - ~~SPAN 426 Topics in Linguistics Research Methods~~
  - ~~SPAN 430 Topics in Hispanic Linguistics~~
  - ~~SPAN 433 Images of Woman in Hispanic Literature~~
  - ~~SPAN 434 Hispanic Culture through Film~~
  - ~~SPAN 461 Special Topics~~
  - ~~SPAN 479 Disenchanted Texts in Hispanic Literature~~
  - ~~SPAN 480 Social Forces in Hispanic Literary Expression~~
  - ~~SPAN 482 Trends in Hispanic Thought~~
  - ~~SPAN 484 Race, Ethnicity, and Nation in Hispanic Literature~~
  - ~~SPAN 486 Literary and Artistic Movements in the Hispanic World~~
  - ~~SPAN 489 Topics in Hispanic Civilization~~
  - ~~SPAN 491 Foreign Study~~
  - ~~SPAN 493 Independent Study~~
  - ~~SPAN 495 Understanding Culture Through Service in a Hispanic Country~~
  - ~~SPAN 495S Understanding Culture Through Service in a Hispanic Country~~

**Modern Foreign Languages and Literatures Major, BA – Hispanic Studies Concentration (uTrack Requirements)**

<b>Term 3</b>		
Arts and Humanities (List A)*	3	SPAN 123 or SPAN 211*
Non-U.S. History*	3	
Social Sciences*	3	
<b>SPAN 311</b> <del>SPAN 300</del> (unless B or better in SPAN 218*)	3	
<sup>1</sup> Elective	3	
<b>Term 4</b>		
Communicating Orally Elective*	3	ENGL 102*
Non-U.S. History (continuation of sequence)*	3	SPAN 212* or SPAN 223*
<b>SPAN 312</b> <del>SPAN 323</del>	3	
<sup>1</sup> Electives	6	

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

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impact:  
Add  
conc.

#### **^ADD PROGRAM**

##### **Modern Foreign Languages and Literatures Major, BA – Hispanic Studies Five-Year BA/MA Program**

For qualified students, the Department of Modern Foreign Languages and Literatures offers a five-year BA-MA program with a BA major in Modern Foreign Languages and Literatures with a concentration in Hispanic Studies and a non-thesis MA major in Spanish. The primary component of the program is that a qualified student may take up to 9 credit hours of approved graduate courses for their senior undergraduate electives and have them count toward both the BA degree and the MA degree. Qualifications for admission to the program are:

The student must have an overall cumulative GPA of 3.0 and a cumulative GPA of 3.5 in undergraduate Spanish courses to be considered for admission to the program.

Conditional and full admission of a student into this program must be approved by the Department of Modern Foreign Languages and Literatures and by the Graduate School.

Conditional admission may be granted after completing 64 credit hours of the requirements for the BA in Spanish and Hispanic Studies, as specified by any Undergraduate Catalog in effect during that student's attendance at the University of Tennessee, Knoxville, provided that the Catalog has been in effect within six years of the date of graduation.

Conditional admission must be obtained before taking a graduate course that is to be used to satisfy the requirements of both the BA degree and the MA degree.

Full admission may be granted after completing 96 credit hours of the requirements for the BA in Spanish and Hispanic Studies, as specified by any Undergraduate Catalog in effect during that student's attendance at the University of Tennessee, Knoxville, provided that the Catalog has been in effect within six years of the date of graduation. A cumulative GPA of 3.5 in undergraduate Spanish courses is required for full admission.

Any course taken for graduate credit prior to satisfying all requirements for the BA degree must be approved by the department head (or designee) and by the Graduate School.

*Rationale: The proposed combined BA/MA degree has been approved by the Spanish program of the MFL department and follows to the letter the structure and requirements of similar pre-existing programs in French and German.*

*Impact on other units: none. Financial impact: none*

Low-  
impact:  
Revise  
program

#### **REVISE REQUIREMENTS**

##### **Modern Foreign Languages and Literatures Major, BA – Italian Concentration**

###### **Major Requirements**

Select 24 hours:

Only one of the following may count toward the 24 hours:

- **MUTH 305 – Italian Musical Styles**

*Rationale: The School of Music is changing the course title for MUTH 451: Style & Analysis of Italian Music to MUTH 305: Italian Musical Styles. The course is essentially the same, but rather than being offered as a special topics class, it will become a fully independent course. It will also be proposed to be used for General Education requirements. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

#### **REVISE REQUIREMENTS**

##### **Modern Foreign Languages and Literatures Major, BA – Language and World Business/Arabic Concentration**

Term 1	Hours	Milestone Notes
ARAB 121	4	2.3 cumulative GPA
ENGL 101* (or equivalent)	3	
Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-2	
Term 2		
ARAB 122	4	ENGL 101*
ENGL 102* (or equivalent)	3	<del>MATH 125*, or MATH 141*</del>
Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in Arabic language courses
Social Sciences*	3	ARAB 122
STAT 201* or STAT 207*	3	

*Rationale: Updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Modern Foreign Languages and Literatures Major, BA – Language and World Business/Chinese Concentration

I. Language Requirement: Chinese – 27 hours

B. Select 9 hours:

- ~~CHIN 491 - Chinese Foreign Study~~

Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Chinese Concentration

Term 1	Hours	Milestone Notes
CHIN 131	5	2.3 cumulative GPA
ENGL 101* (or equivalent)	3	
Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-2	
Term 2		
CHIN 132	5	ENGL 101*
ENGL 102* (or equivalent)	3	<del>MATH 125*, or MATH 141*</del>
Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in Chinese language courses
Social Sciences*	3	CHIN 132
STAT 201* or STAT 207*	3	

*Rationale: Based off successful practices at other universities, we propose to introduce a new 1-credit math course, Math 295. This course will be geared for sophomore-level math majors, will meet once a week, and we propose that it be required for the math major. The main goals are for students to learn about and plan for their time as a math major at UT and for their career following UT. Also, updating quantitative reasoning requirement. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS



Revise  
program

### Modern Foreign Languages and Literatures Major, BA – Language and World Business/French and Francophone Studies Concentration

#### I. Language Requirement: French – 27 hours

##### A. Complete:

##### B. Select one 400-level literature course:

- ~~FREN 430 – Theatrical French~~

##### C. Select 6 hours:

- ~~FREN 430 – Theatrical French~~
- FREN 455 - Special Topics in French and Francophone History and Culture

*Rationale: FREN 430 is being dropped.*

### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/French and Francophone Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
FREN 211* or FREN 217*	3	
Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
FREN 212* or FREN 218*	3	<del>MATH 125* or MATH 141*</del>
Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in French language courses
Social Sciences*	3	
STAT 201* or STAT 207*	3	

*Rationale: Updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

### Modern Foreign Languages and Literatures Major, BA – Language and World Business/German Concentration

#### I. Language Requirement: German – 27 hours

##### C. Select three courses:

- GERM 325 – Readings in German
- GERM 326 – Coming of Age Stories
- GERM 373 – Fairy Tales and Their Afterlives
- GERM 383 – Aiming at Sustainability: Approaches to 21st Century Global Challenges in German-Speaking Countries

### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/German Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
GERM 111	3	
Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	

Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-1	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
GERM 112	3	<del>MATH 125* or MATH 141*</del>
Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in German language courses
Social Sciences*	3	
STAT 201* or STAT 207*	3	

*Rationale: Reflects changes made in German curriculum and quantitative reasoning requirement. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Modern Foreign Languages and Literatures Major, BA – Language and World Business/Hispanic Studies Concentration

#### I. Language Requirement: Spanish – 30 hours

Students whose level of proficiency in Spanish is superior as defined by the ACTFL Proficiency Guidelines may substitute a 400-level course for SPAN 312 with consent of the department. SPAN 311 and 312 are not available to native Spanish speakers or Spanish/English bilinguals, who should instead take SPAN 309 and an additional 300/400-level course with consent of the department. Notes: SPAN 401, SPAN 402 and SPAN 465 do not count toward the major. SPAN 311 may not be taken after completion of SPAN 312.

#### A. Complete:

- PORT 300 - Portuguese for Speakers of Another Romance Language
- ~~PORT 400 - Portuguese for Speakers of Another Romance Language~~
- ~~SPAN 323 - Upper-level Grammar and Composition~~

*Rationale: We need to update list A by adding Portuguese 300 to replaced Portuguese 400 which is being dropped. Impact on other units: none. Financial impact: none.*

#### B. Select ~~two courses~~ ~~one 300-level literature survey course~~:

- SPAN 311 – Language in Context I
- SPAN 315 – Spanish Phonetics and Phonology

#### C. Select ~~three courses~~ ~~two 300-400 level language, literature, culture courses~~:

- ~~SPAN 305 - Conversation and Aural Comprehension~~
- ~~SPAN 332 - Survey of Spanish Literature: 1700-Present~~
- ~~SPAN 333 - Survey of Spanish-American Literature: 1700-Present~~
- ~~SPAN 334 - Survey of Hispanic Literatures: Beginnings-1700~~
- SPAN 410 – Introduction to Hispanic Linguistics
- ~~SPAN 421 - Phonetics~~
- ~~SPAN 425 - Introduction to Descriptive Linguistics~~
- ~~SPAN 426 - Topics in Linguistics Research Methods~~
- ~~SPAN 479 - Disenchanted Texts in Hispanic Literature~~
- ~~SPAN 480 - Social Forces in Hispanic Literary Expression~~
- ~~SPAN 482 - Trends in Hispanic Thought~~
- ~~SPAN 486 - Literary and Artistic Movements in the Hispanic World~~
- ~~SPAN 495 - Understanding Culture Through Service in a Hispanic Country~~

#### D. Select ~~two 400-level language, literature, or culture courses~~:

- ~~SPAN 420 - Applied Linguistics~~
- ~~SPAN 421 - Phonetics~~

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program

- ~~SPAN 422—Advanced Grammar and Translation~~
- ~~SPAN 423—Advanced Composition and Conversation~~
- ~~SPAN 425—Introduction to Descriptive Linguistics~~
- ~~SPAN 426—Topics in Linguistics Research Methods~~
- ~~SPAN 430—Topics in Hispanic Linguistics~~
- ~~SPAN 433—Images of Woman in Hispanic Literature~~
- ~~SPAN 434—Hispanic Culture through Film~~
- ~~SPAN 461—Special Topics~~
- ~~SPAN 479—Disenchanted Texts in Hispanic Literature~~
- ~~SPAN 480—Social Forces in Hispanic Literary Expression~~
- ~~SPAN 482—Trends in Hispanic Thought~~
- ~~SPAN 484—Race, Ethnicity, and Nation in Hispanic Literature~~
- ~~SPAN 486—Literary and Artistic Movements in the Hispanic World~~
- ~~SPAN 489—Topics in Hispanic Civilization~~
- ~~SPAN 491—Foreign Study~~
- ~~SPAN 493—Independent Study~~
- ~~SPAN 495—Understanding Culture Through Service in a Hispanic Country~~
- ~~SPAN 495S—Understanding Culture Through Service in a Hispanic Country~~
- ~~Note: SPAN 401, SPAN 402, SPAN 465, SPAN 494, and SPAN 494S do not count toward the major.~~

**Notes:**

Students whose level of proficiency in Spanish is superior as defined by the ACTFL Proficiency Guidelines may substitute a 400-level course for ~~SPAN 312~~ ~~SPAN 323~~ with consent of the department. Note: ~~SPAN 311~~ ~~SPAN 300~~ does not count toward the Hispanic Studies/Language and World Business Concentration but is a prerequisite for ~~SPAN 312~~ ~~SPAN 323~~.

**Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Hispanic Studies Concentration**

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
<del>Quantitative Reasoning Elective* MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	
SPAN 211* or SPAN 217*	3	
<sup>1</sup> Elective	0-1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
Natural Sciences Lab (continuation of sequence) *	4	<del>MATH 125* or MATH 141*</del>
Social Sciences*	3	2.4 cumulative GPA and 3.0 GPA in Spanish language courses
SPAN 212* or SPAN 218*	3	
STAT 201* or STAT 207*	3	
Term 3		
ACCT 200 or ACCT 207	3	2.5 cumulative GPA and 3.0 GPA in Spanish language courses
Arts and Humanities (List A)*	3	STAT 201*
ECON 201* or ECON 207*	4	SPAN 211* or SPAN 123
MFL 199	2	
<del>SPAN 311</del> <del>SPAN 300</del> (unless B or better in SPAN 218*)	3	

Low-  
impact:  
Revise  
program

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment and updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Modern Foreign Languages and Literatures Major, BA – Language and World Business/Italian Concentration

I. Language Requirement: Italian – 24 hours

B. Select 18 hours:

Only one course from the following may be included in the 18 hours:

- **MUTH 305 – Italian Musical Styles**

#### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Italian Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
ITAL 111	3	
Natural Sciences Lab*	4	
Quantitative Reasoning Elective* <b>MATH 125*, MATH 141*, or MATH 147*</b>	3-4	
<sup>1</sup> Elective	0-1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
ITAL 112	3	<b>MATH 125* or MATH 141*</b>
Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in Italian language courses
Social Sciences*	3	
STAT 201* or STAT 207*	3	

*Rationale: The School of Music is changing the course title for MUTH 451: Style & Analysis of Italian Music to MUTH 305: Italian Musical Styles. The course is essentially the same, but rather than being offered as a special topics class, it will become a fully independent course. It will also be proposed to be used for General Education requirements. Also, updating quantitative reasoning requirement. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
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program

### REVISE REQUIREMENTS

#### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Japanese Concentration

Term 1	Hours	Milestone Notes
JAPA 151	4	2.3 cumulative GPA
ENGL 101* (or equivalent)	3	
Quantitative Reasoning Elective* <b>MATH 125*, MATH 141*, or MATH 147*</b>	3-4	
Natural Sciences Lab*	4	
<sup>1</sup> Elective	0-2	
Term 2		
JAPA 152	4	ENGL 101*
ENGL 102* (or equivalent)	3	<b>MATH 125* or MATH 141*</b>

Natural Sciences Lab (continuation of sequence) *	4	2.4 cumulative GPA and 3.0 GPA in Japanese language courses
Social Sciences*	3	JAPA 152
STAT 201* or STAT 207*	3	

*Rationale: Updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Modern Foreign Languages and Literatures Major, BA – Language and World Business/Portuguese Concentration

I. Language Requirement: Portuguese – 30 hours

A. Complete:

- ~~PORT 300 - Portuguese for Speakers of Another Romance Language~~
- ~~PORT 315 - Aspects of Luso-Brazilian Literature~~

B. Select 9 hours:

- ~~PORT 400 - Portuguese for Speakers of Another Romance Language~~

#### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Portuguese Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
<del>Quantitative Reasoning Elective* MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	
PORT 111	3	
<sup>1</sup> Elective	0-1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
Natural Sciences Lab (continuation of sequence) *	4	<del>MATH 125* or MATH 141*</del>
PORT 112	3	2.4 cumulative GPA and 3.0 GPA in Portuguese language courses
Social Sciences*	3	
STAT 201* or STAT 207*	3	

*Rationale: This will update the LWB-Port concentration vis a vis the proposed Portuguese curriculum change. We are adding 212 to the Portuguese minor and it should be an option for LWB as well. We also need to add Port 300 (that is replacing Port 400). These changes will make the LWB/Port more attractive to students. Also, updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Requirements for Modern Foreign Languages and Literatures Major – Language and World Business/Russian Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	2.3 cumulative GPA
<del>Quantitative Reasoning Elective* MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
Natural Sciences Lab*	4	

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program

RUSS 101	4	
<b>Term 2</b>		
ENGL 102* (or equivalent)	3	ENGL 101*
Natural Sciences Lab (continuation of sequence) *	4	<del>MATH 125* or MATH 141*</del>
RUSS 102	4	2.4 cumulative GPA and 3.0 GPA in Russian language courses
Social Sciences*	3	RUSS 102
STAT 201* or STAT 207*	3	

*Rationale: Updating qualitative reasoning requirement. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### German Minor

The minor consists of 18 hours of German courses at the 300 level and above. Students are encouraged but not required to take GERM 321 and GERM 322. No more than six hours from GERM 323, GERM 350, GERM 363\*, GERM 370\*, or GERM 423 may count towards the minor; ~~GERM 331 and~~ GERM 332 ~~does de~~ not count towards the minor.

*Rationale: GERM 331 is being dropped.*

## REVISE REQUIREMENTS

### Hispanic Studies Minor

Minors who study a semester or more abroad must take ~~SPAN 312 SPAN 323 (must be taken prior to studying study abroad), and at least two additional 300/400-level courses in Spanish SPAN 330, and at least one additional course numbered above 300~~ at the University of Tennessee (prior to or after studying abroad). Students whose level of proficiency in Spanish is superior as defined by the ACTFL Proficiency Guidelines may substitute a 400-level course for SPAN 312 with consent of the department. SPAN 311 and 312 are not available to native Spanish speakers or Spanish/English bilinguals, who should instead take SPAN 309 and an additional 300/400-level course with consent of the department. ~~SPAN 300 does not count toward the minor but is a prerequisite for SPAN 323. Notes: SPAN 401, SPAN 402, and SPAN 465, SPAN 494, and SPAN 494S do not count toward the minor. SPAN 311 may not be taken after completion of SPAN 312.~~

### Minor Requirements

Complete:

- SPAN 312-Language in Context II
- ~~SPAN 323—Upper level Grammar and Composition~~

Select one course:

- SPAN 311-Language in Context I
- SPAN 315-Spanish Phonetics and Phonology
- SPAN 346-Language and Culture of the Hispanic Business World

Select two additional courses:

- ~~300-400 level Spanish courses~~

Select two courses:

- SPAN 410-Introduction to Hispanic Linguistics
- SPAN 420-Applied Linguistics

Low-  
impact:  
Revise  
program

Low-  
impact:  
Revise  
program

- SPAN 422-Advanced Grammar and Translation
- SPAN 423-Advanced Composition and Conversation
- SPAN 430-Topics in Hispanic Linguistics
- SPAN 433-Gender and Sexuality in Hispanic Literature and Culture
- SPAN 434-Film and Visual Culture in the Hispanic World
- SPAN 461-Special Topics
- SPAN 484-Race, Ethnicity, and Nation in Hispanic Literature
- SPAN 489-Topics in Hispanic Civilization
- SPAN 491-Foreign Study
- SPAN 493-Independent Study
- SPAN 494S-Spanish Community Service Practicum
- SPAN 495S-Understanding Culture Through Service in a Hispanic Country

*Rationale: The Hispanic Studies section is revising its curriculum in light of current faculty and enrollment. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Italian Minor

#### Minor Requirements

Select 12 hours:

Only one of the following may count toward the 12 hours:

- MUTH 305 – Italian Musical Styles

*Rationale: The School of Music is changing the course title for MUTH 451: Style & Analysis of Italian Music to MUTH 305: Italian Musical Styles. The course is essentially the same, but rather than being offered as a special topics class, it will become a fully independent course. It will also be proposed to be used for General Education requirements. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Portuguese Minor

#### Minor Requirements

The minor consists of 18 hours ~~in courses numbered 300 or above.~~

Select 18 hours: ~~Select 12 hours:~~

- PORT 212 - Intermediate Portuguese\*
- PORT 300 - Portuguese for Speakers of Another Romance Language
- PORT 315 - Aspects of Luso-Brazilian Literature
- PORT 326 - Brazilian Cinema
- ~~PORT 400 - Portuguese for Speakers of Another Romance Language~~
- PORT 430 - Contemporary Brazilian Studies
- PORT 493 - Independent Study

~~Select 6 hours:~~

- ~~PORT 315 - Aspects of Luso-Brazilian Literature~~
- ~~PORT 326 - Brazilian Cinema~~
- ~~PORT 430 - Contemporary Brazilian Studies~~

*Rationale: This will simplify the completion of the minor, avoid unnecessary petitions, and make the Portuguese minor more attractive to students. Port 212 already includes cultural content that*



reflects the learning outcomes of the minor. We also need to add Port 300 (to replace Port 400 that was dropped) and correct an oversight by including Port 493 (Independent Studies). Impact on other units: none. Financial impact: none.

## School of Music

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Music Major, BA – Applied Music Concentration

##### III. Required Courses

##### F. Select 0-3 hours (Music Electives):

• ~~MUCO 460 – Music Aesthetics~~

Rationale: MUCO 460 is being dropped.

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Music Major, BA – Music and Culture Concentration

##### III. Required Courses

##### Select 6 hours:

• ~~MUCO 460 – Music Aesthetics~~

Rationale: MUCO 460 is being dropped.

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Music Major, BM – Organ Concentration

##### Requirements for the Bachelor of Music • Music Major • Organ Concentration

Second Year	
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6
MUPF 289, MUPF 290	6
<sup>1</sup> Music Ensemble	2
MUSC 200 (0,0)	0
<del>MUPF 180, MUPF 181 Electives</del>	2
<sup>2</sup> Quantitative Reasoning Electives*	6
Third Year	
MUCO 380*	3
MUTH 310	3
MUPF 389, MUPF 390 (3,3)	6
MUKB 230	1
MUKB 410	1
MUTH 430	3
<sup>1</sup> Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUSC 301	0
<sup>2</sup> Social Sciences Electives*	3 6
Electives	3
<del>MUPF 280 or MUPF 185</del>	3

<sup>2</sup> Communicating Orally Elective*	3
<b>Fourth Year</b>	
MUED 310	3
MUKB 410 (1,1)	2
Electives	2
MUPF 489, MUPF 490 (3,3)	6
<sup>1</sup> Music Ensemble (1,1)	2
<sup>2</sup> Natural Sciences Electives*	7
MUSC 200 (0,0)	0
MUSC 401	0
MUKB 460, <del>MUKB 470</del>	<del>3</del> 6
<sup>2</sup> Social Sciences Electives*	3

### Requirements for Music Major – Organ Concentration

Term 3		
MUCO 210*	3	MUSC 200 (3 <sup>rd</sup> time)
MUPF 289	3	MUTH 110
MUSC 200	0	MUTH 130
MUTH 210	3	A third MUEN course - MUEN 330, MUEN 380, MUEN 383, MUEN 389; or MUEN 399 (no more than 4 times)
MUTH 230	1	
Music Ensemble	1	
<del>MUPF 180</del>	<del>1</del>	
Quantitative Reasoning Elective*	3	
Term 4		
MUCO 220*	3	ENGL 102*
MUPF 290	3	MUPF 190
MUSC 200	0	MUSC 200 (4 <sup>th</sup> time)
MUTH 220	3	A fourth MUEN course - MUEN 330, MUEN 380, MUEN 383, MUEN 389; or MUEN 399 (no more than 4 times)
MUTH 240	1	One course from MUCO 210* or MUCO 220*
Music Ensemble	1	
Quantitative Reasoning Elective*	3	
<del>MUPF 181</del> Elective	<del>1</del> 2	
Term 5		
Communicating Orally Elective*	3	MUPF 289
MUCO 380*	3	MUSC 200 (5 <sup>th</sup> time)
MUPF 389	3	MUTH 120
MUSC 200	0	MUTH 140
MUTH 310	3	A fifth MUEN course - MUEN 330, MUEN 380, MUEN 383, MUEN 389; or MUEN 399 (no more than 4 times)
Music Ensemble	1	One remaining course from MUCO 210* or MUCO 220*
<del>MUPF 185 or MUPF 280</del> Social Sciences Elective*	3	
Term 8		

MUED 310	3	Completion of at least 42 upper-division (300-400 level) hours
MUKB 410	1	
<del>MUKB 470</del>	<del>3</del>	
MUPF 490	3	
MUSC 200	0	
MUSC 401	0	
Music Ensemble	1	
Natural Sciences Elective*	3	
<del>Social Sciences Elective*</del>	<del>3</del>	

*Rationale: The amount of organ literature offered for the Bachelor of Music is more along the lines of what would be required for a Master's Degree. Exchanging one semester of organ literature for piano lessons would allow organists to gain a stronger keyboard technique through piano study. Studying harpsichord teaches students about early music and fingerings which are important skills for organists. I have researched other major universities with successful organ programs. They are requiring four semesters of private piano study for undergraduates. They typically do not require organ literature courses, but do require organ pedagogy, a course not currently offered at University of Tennessee. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Music Major, BM – Sacred Music Concentration – Organ Track

#### Requirements for Music Major – Sacred Music Concentration – Organ Track

Second Year	
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6
MUPF 289, MUPF 290 (Organ) (2,2)	4
<sup>1</sup> Music Ensemble (1,1)	2
MUPF 155, MUPF 156, MUPF 255, or MUPF 256 (Voice) (1,1)	2
MUSC 200 (0,0)	0
<sup>2</sup> Quantitative Reasoning Electives*	<del>3</del> 6
<del>MUPF 180, MUPF 181</del>	<del>2</del>
MUED 200	1
Third Year	
<sup>2</sup> Social Sciences Elective*	3
MUCO 380*	3
MUTH 310	3
MUCO 480	3
MUPF 389, MUPF 390 (Organ) (2,2)	4
<sup>1</sup> Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUSC 301	0
MUED 310, MUED 320	5
<sup>3</sup> Religious Studies	3
MUKB 230	1
MUKB 410	1
<del>MUPF 185 or MUPF 280</del>	<del>1</del>
<sup>2</sup> Communicating Orally Elective*	3

<b>Fourth Year</b>	
MUPF 489, MUPF 490 (2,2)	4
MUSC 495	3
MUKB 410 (1,1)	2
MUKB 460, <del>MUKB 470</del>	<del>3</del> 6
<sup>1</sup> Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUSC 401	0
<sup>2</sup> Natural Sciences Electives*	7
<sup>2</sup> Social Sciences Elective*	3
<b>Qualitative Reasoning Elective*</b>	<b>3</b>
MUTH 450	2

<sup>3</sup> To be chosen from REST 101\*, REST 102\*, REST 232\*, REST 305, REST 311, REST 321, REST 322, REST 355, REST 359, REST 370, ~~REST 425~~, REST 430.

#### Requirements for Music Major – Sacred Music Concentration – Organ Track

<b>Term 3</b>		
MUCO 210*	3	MUSC 200 (3 <sup>rd</sup> time)
MUPF 289	2	Third MUEN course – one of MUEN 330, MUEN 380, MUEN 383, MUEN 389, MUEN 399
MUPF 155, MUPF 156, MUPF 255, or MUPF 256	1	
MUSC 200	0	
MUTH 210	3	
MUTH 230	1	
Music Ensemble	1	
<del>MUPF 180</del>	<del>1</del>	
Quantitative Reasoning Elective*	3	
<b>Term 4</b>		
MUED 200	1	ENGL 102*
MUCO 220*	3	MUPF 190
MUPF 290	2	MUSC 200 (4 <sup>th</sup> time)
MUPF 155, MUPF 156, MUPF 255, or MUPF 256	1	Fourth MUEN course – one of MUEN 330, MUEN 380, MUEN 383, MUEN 389, MUEN 399
MUSC 200	0	One course from MUCO 210* or MUCO 220*
MUTH 220	3	
MUTH 240	1	
Music Ensemble	1	
<del>MUPF 181</del> Quantitative Reasoning Elective*	<del>1</del> 3	
<b>Term 6</b>		
Communicating Orally Elective*	3	Completion of at least 9 upper-division (300-400 level) hours
MUCO 480	3	
MUED 320	2	
MUKB 410	1	
MUPF 390	2	

MUSC 200	0	
MUSC 301	0	
<del>MUPF 185 or MUPF 280</del>	<del>1</del>	
Music Ensemble	1	
Religious Studies	3	
<b>Term 8</b>		
MUKB 410	1	Completion of at least 42 upper-division (300-400 level) hours
<del>MUKB 470</del>	<del>3</del>	
MUPF 490	2	
MUSC 200	0	
MUSC 401	0	
Music Ensemble	1	
Natural Sciences Elective*	3	
Social Sciences Elective*	3	
<b>Qualitative Reasoning Elective*</b>	<b>3</b>	
MUTH 450	2	

*Rationale: The amount of organ literature offered for the Bachelor of Music is more along the lines of what would be required for a Master's Degree. Exchanging one semester of organ literature for piano lessons would allow organists to gain a stronger keyboard technique through piano study. Studying harpsichord teaches students about early music and fingerings which are important skills for organists. I have researched other major universities with successful organ programs. They are requiring four semesters of private piano study for undergraduates. They typically do not require organ literature courses, but do require organ pedagogy, a course not currently offered at University of Tennessee. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

### **REVISE REQUIREMENTS**

#### **Music Major, BM – Sacred Music Concentration – Piano Track**

**Requirements for Music Major – Sacred Music Concentration – Piano Track**  
(footnote 3 under 4-year chart)

<sup>3</sup> To be chosen from Religious Studies REST 101\*, REST 102\*, REST 232\*, REST 305, REST 311, REST 321, REST 322, REST 355, REST 359, REST 370, ~~REST 425~~, REST 430.

*Rationale: REST 425 is being archived.*

Low-  
impact:  
Revise  
program

### **REVISE REQUIREMENTS**

#### **Music Major, BM – Sacred Music Concentration – Voice Track**

**Requirements for Music Major – Sacred Music Concentration – Voice Track**  
(footnote 4 under 4-year chart)

<sup>4</sup> To be chosen from REST 101\*, REST 102\*, REST 232\*, REST 305, REST 311, REST 321, REST 322, REST 355, REST 359, REST 370, ~~REST 425~~, REST 430.

*Rationale: REST 425 is being archived.*

Low-  
impact:

### **REVISE REQUIREMENTS**

Revise  
program**Music Major, BM – Strings Concentration****Requirements for the Bachelor of Music • Music Major • Strings Concentration**

<b>First Year</b>	<b>Hours Credit</b>
ENGL 101*, ENGL 102*	6
MUTH 110, MUTH 120	6
MUTH 130, MUTH 140	2
MUCO 110*	3
Music Performance (100-level) (3,3)	6
MUKB 110, MUKB 120	2
MUEN 370 (1,1)	2
MUSC 200 (0,0)	0 9
<sup>1</sup> Natural Sciences Elective*	4 7

*Rationale: corrections to an edit mistake last year. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program**REVISE REQUIREMENTS****Music Major, BM – Theory/Composition Concentration – Composition Track****Requirements for the Bachelor of Music • Music Major • Theory / Composition Concentration • Composition Track**

<b>Fourth Year</b>	
MUTH 430	3
Music Performance (1,1)	2
MUPF 494, MUPF 495, or MUPF 496 (2,2)	4
MUSC 411	0
<sup>1</sup> Music Ensemble (1,1)	2
MUED 310	3
MUSC 200 (0,0)	0
<sup>2</sup> Social Sciences Electives*	6
MUTH 490 (1,4)	1 2
<del>MUTH 494</del>	1
Electives	6
	<b>Total 120</b>

**Music Major, BM – Theory/Composition Concentration – Composition Track (uTrack Requirements)**

<b>Term 8</b>		
MUPF 494, MUPF 495, or MUPF 496	2	Completion of at least 42 upper-division (300-400 level) hours
MUSC 200, MUSC 411	0	
<del>MUTH 494</del> MUTH 490	1	
Music Ensemble	1	
Music Performance	1	
Social Sciences Elective*	3	
Electives	6	
<b>TOTAL</b>	<b>120</b>	

*Rationale: Changes coordinate with a new course, MUTH 494, being proposed in this curricular cycle. MUTH 494: Practicum II takes the place of the previous second occurrence of MUTH 490. That is, now we have MUTH 490: Practicum I and MUTH 494: Practicum II. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Music Major, BM – Theory/Composition Concentration – Theory Track

#### Requirements for the Bachelor of Music – Music Major – Theory / Composition Concentration – Theory Track

Fourth Year	
MUTH 430	3
MUTH 490 (1,4)	1 2
<del>MUTH 494</del>	<del>1</del>
MUTH 451: Special Topics	3
MUTH 493	4
<sup>1</sup> Music Ensemble (1,1)	2
MUED 310	3
MUSC 200 (0,0)	0
<sup>2</sup> Social Sciences Electives*	6
Electives	6
<b>Total 120</b>	

#### Music Major, BM – Theory/Composition Concentration – Theory Track (uTrack Requirements)

Term 8		
MUSC 200	0	Completion of at least 42 upper-division (300-400 level) hours
<del>MUTH 494</del> MUTH 490	1	
MUTH 493	4	
Music Ensemble	1	
Social Sciences Elective*	3	
Electives	6	

*Rationale: Changes coordinate with a new course, MUTH 494, being proposed in this curricular cycle. MUTH 494: Practicum II takes the place of the previous second occurrence of MUTH 490. That is, now we have MUTH 490: Practicum I and MUTH 494: Practicum II. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Music Minor – Music and Culture

#### Required Courses

##### C. Select 9 hours:

• ~~MUCO 460 – Music Aesthetics~~

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Music Minor – Music Business

#### Minor Requirements



The music business minor consists of **15 hours** in courses numbered 200 or above.  
~~Prerequisites are not necessarily prerequisites for all courses in the "Minor" section below.~~

### Prerequisites

#### Select one course ~~Complete:~~

- MUTH 110 - Theory I
- ~~MUTH 115: Harmony and Analysis through Popular Music~~

#### ~~Complete:~~

- MUTH 130 - Ear Training I

#### ~~Select one course:~~

- ~~MUJZ 110 - Jazz Theory~~
- ~~MUTH 120 - Theory II~~

#### Select one course:

#### Required Courses

#### Complete:

- ~~ECON 201 - Introductory Economics: A Survey Course \*~~
- ENT 350: Introduction to Entrepreneurship

#### Select one course:

- ~~ENT 425 - Entrepreneurial Marketing~~
- MUTH 451: Analysis of Pop/Rock/Commercial

*Rationale: Changes to the music business minor program to utilize the new course, MUTH 115, that we have proposed through curricular changes. MUTH 115 provides a relevant, one-semester course for music business minors and removes the traditional/classical approaches to music theory that are primarily taught in MUTH 110 (Theory I) and MUTH 120 (Theory 2). We are reducing the two-semester prerequisite sequence in music theory to one course, as MUTH 115 will efficiently provide all necessary written music theory content for non-majors in a single semester. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF PHYSICS AND ASTRONOMY

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Physics Major, BS – Academic Concentration

#### Physics Major – Prerequisites (~~27-34~~ **30-37** hours)

#### Complete:

- ~~MATH 132 - Calculus 1B infused with precalculus or~~ MATH 141 - Calculus I \*
- ~~MATH 251 - Matrix Algebra I~~

#### Physics Major, BS – Academic Concentration (uTrack Requirements)

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 119 or MATH ACT 25
<del>MATH 132*</del> or MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
Social Sciences*	3	
<sup>1</sup> Elective	1	
Term 2		
COSC 102	4	ENGL 101*

ENGL 102* (or equivalent)	3	MATH 130 or MATH 131 or MATH ACT 28
MATH 142* or MATH 148*	4	
PHYS 136* or PHYS 138*	4-5	
<b>Term 3</b>		
Foreign Language (intermediate level) *	3	MATH 132* or MATH 141*
MATH 231	3	PHYS 135* or PHYS 137* or PHYS 231*
Non-U.S. History*	3	
PHYS 250	4	
Social Sciences*	3	
<b>Term 5</b>		
Arts and Humanities (List A or B) *	3	MATH 231 or MATH 241 MATH-251
Global Challenges	3	PHYS 250
PHYS 311	3	
PHYS 361	3	
MATH 241	4	
<b>Term 6</b>		
Arts and Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
PHYS 312	3	MATH 231
PHYS 461	3	MATH 241 or MATH 241 MATH-251
<sup>2</sup> Connections	6	

*Rationale: MATH 251 is being removed as a prerequisite course for all concentrations in the physics major after having been erroneously added in Fall 2019 catalogue. Also updates to add MATH 131 and 132 wherever MATH 130 and 141 is accepted as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Physics Major, BS – Astronomy Concentration

#### Physics Major – Prerequisites (27-34 30-37 hours)

##### Complete:

- MATH 132 - Calculus 1B infused with precalculus or MATH 141 - Calculus I \*
- ~~MATH 251 - Matrix Algebra I~~

#### Physics Major, BS – Astronomy Concentration (uTrack Requirements)

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 119 or MATH ACT 25
Math 132* or MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
Social Sciences*	3	
<b>Term 2</b>		
COSC 102	4	ENGL 101*
ENGL 102* (or equivalent)	3	MATH 130 or MATH 131 or MATH ACT 28
MATH 142* or MATH 148*	4	
PHYS 136* or PHYS 138*	4-5	
<b>Term 3</b>		

Low-  
impact:  
Revise  
program

ASTR 217*	4	Math 132* or MATH 141*
Foreign Language (intermediate level) *	3	PHYS 135* or PHYS 137* or PHYS 231*
MATH 231	3	
Non-U.S. History*	3	
PHYS 250	4	
<b>Term 5</b>		
Arts and Humanities (List A or B) *	3	MATH 231 or MATH 241 MATH-251
Non-U.S. History (continuation of sequence) *	3	PHYS 250
MATH 241	4	
PHYS 311	3	
ASTR 411	3	
<b>Term 6</b>		
Arts and Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
ASTR 421	3	MATH 231
Social Sciences*	3	MATH 241 or MATH 251
<sup>2</sup> Connections	3	
<sup>2</sup> Global Challenges	3	

*Rationale: MATH 251 is being removed as a prerequisite course for all concentrations in the physics major after having been erroneously added in Fall 2019 catalogue. Also updates to add MATH 131 and 132 wherever MATH 130 and 141 is accepted as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Physics Major, BS – General Concentration

#### Physics Major – Prerequisites (27-34 30-37 hours)

##### Complete:

- MATH 132 - Calculus 1B infused with precalculus or MATH 141 - Calculus I \*
- ~~MATH 251 - Matrix Algebra I~~

#### Physics Major, BS – General Concentration (uTrack Requirements)

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	MATH 119 or MATH ACT 25
Math 132* or MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
Social Sciences*	3	
<sup>1</sup> Elective	1	
<b>Term 2</b>		
COSC 102	4	ENGL 101*
ENGL 102* (or equivalent)	3	MATH 130 or MATH 131 or MATH ACT 28
MATH 142* or MATH 148*	4	
PHYS 136* or PHYS 138*	4-5	
<b>Term 3</b>		
Foreign Language (intermediate level) *	3	Math 132* or MATH 141*
MATH 231	3	PHYS 135* or PHYS 137* or PHYS 232*
Non-U.S. History*	3	

Low-  
impact:  
Revise  
program

PHYS 250	4	
Communicating through Writing Elective*	3	
<b>Term 5</b>		
Arts and Humanities (List A or B) *	3	MATH 231 or <del>MATH 241</del> <del>MATH-251</del>
MATH 241	4	PHYS 250
PHYS 311	3	
Elective	3	
PHYS 361	3	
<b>Term 6</b>		
Arts & Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
Physics (major)	3	MATH 231
Social Sciences*	3	MATH 241 <del>or MATH-251</del>
<sup>2</sup> Connections (2 courses)	6	

*Rationale: MATH 251 is being removed as a prerequisite course for all concentrations in the physics major after having been erroneously added in Fall 2019 catalogue. Also updates to add MATH 131 and 132 wherever MATH 130 and 141 is accepted as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

## Department of Political Science

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Political Science Major, BA – Honors Concentration

The department's Honors Program emphasizes the ideals of a superior liberal arts education and gives students a more rigorous and intensive preparation in political science. The honors concentration consists of thirty-four (34) hours in political science courses numbered 200 and above, including completion of POLS 301, POLS 480, POLS 487, and POLS 488. These 34 hours must include ~~three~~ ~~four~~ courses numbered at the 200-level, which must be completed with a minimum cumulative average of 3.0. To graduate with honors in political science, the student must have a minimum GPA of 3.3 in political science, a minimum cumulative GPA of 3.25, and at least 12 hours of honors courses (POLS 487 and POLS 488 count toward this total, as do any hours earned through honors by contract).

*Rationale: Each POLS, BA--Honors Concentration major must take POLS 301, which was previously numbered POLS 201. When the course was numbered 201, it WAS indeed the case that each Honors concentration major would have to take four 200-level courses to graduate. This is no longer the case, as now each Honors concentration major must take POLS 301 and three 200-level courses. In short, the language in the catalog does NOT reflect a recent curriculum change that we made. This curriculum change fixes the problem. Impact on other units: none. Financial Impact: none.*

## Pre-Professional Programs

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for Pre-Professional Programs Major – Pre-Dentistry Concentration

Term 1	Hours	Milestone Notes
<del>1</del> BIOL 150*, <del>or</del> BIOL 158*, <del>or BIOL-101*</del> <del>BIOL-102*</del>	<del>3</del> 3-8	MATH 119 or Math ACT score of 25 or higher

BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> <sup>1</sup> Quantitative Reasoning Electives*	3-4	
<b>Term 2</b>		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> <sup>1</sup> Quantitative Reasoning Electives*	3-4	
<b>Term 3</b>		
Arts and Humanities (List A or B) * <del>BIOL 240</del>	4	One additional science course from any listed in the plan with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268- <del>CHEM 269</del>	<del>4</del> <sup>3</sup>	
Foreign Language (intermediate level) *	3	
Non-U.S. History*	3	
PHYS 221*	4	
<b>Term 4</b>		
CHEM 360- <del>CHEM 359</del> <del>CHEM 369</del> or CHEM 368- <del>CHEM 359</del> <del>CHEM 369</del>	<del>4</del> <sup>5</sup>	Two additional science courses from any listed in the plan with a grade of C or better
Foreign Language (intermediate level) *	3	ENGL 102*
Non-U.S. History (continuation of sequence) *	3	
PHYS 222*	4	
Global Challenges (if BIOL 150* not taken)	0-3	
Elective	<sup>3</sup>	
<b>Term 5</b>		
<del>Arts and Humanities (List A or B) *</del>	<sup>3</sup>	CHEM 260 with a grade of C or better
BCMB 401	4	PHYS 221* with a grade of C or better
Social Sciences*	6	
<sup>3</sup> <sup>2</sup> Connections	6	
<b>Term 6</b>		
Arts and Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
Elective <del>BCMB 402 or BCMB 412</del>	<del>3-5</del> <sup>4</sup>	
Communicating through Writing Elective*	3	
BIOL 220-BIOL 229 or EEB 240	4	
<sup>3</sup> <sup>2</sup> Connections	3	

<sup>1</sup> Students who come in with 8-hours of general biology credit and are not pursuing a major that requires Biology 150, should consult with an Arts & Sciences Advisor regarding this requirement.

<sup>2</sup> <sup>1</sup> Mathematics placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130 or ~~MATH 131~~ or any calculus course is a prerequisite to physics. At

least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

<sup>3 2</sup> The Connections requirement may be satisfied in one of three ways:

- 1) completing 9 hours from one of the approved Connections packages,
- 2) completing the requirements for a second major or minor, or
- 3) completing 9 hours of study abroad coursework.

*Rationale: updates to reflect program changes made in other departments. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Requirements for Pre-Professional Programs Major – Pre-Medicine Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150*, or BIOL 158*, or <del>BIOL 101*</del> <del>BIOL 102*</del>	<del>3</del> 3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
<b>Term 2</b>		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
<b>Term 3</b>		
<sup>3 2</sup> BIOL 240	4	One additional science course from any listed in the plan with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268	<del>4</del> 3	
Foreign Language (intermediate level) *	3	
PHYS 221*	4	
<b>Term 4</b>		
CHEM 360- <del>CHEM 359</del> <del>CHEM 369</del> or CHEM 368- <del>CHEM 359</del> <del>CHEM 369</del>	<del>4</del> 5	Two additional science courses from any listed in the plan with a grade of C or better
Foreign Language (intermediate level) *	3	ENGL 102*
Non-U.S. History*	3	
PHYS 222*	4	
Global Challenges (if BIOL 150* not taken)	0-3	
<b>Term 5</b>		
Arts and Humanities (List A or B) *	3	CHEM 260 with a grade of C or better
<sup>3 2</sup> BCMB 401	4	PHYS 221* with a grade of C or better
<sup>3 2</sup> Social Sciences*	3	
Non-U.S. History (continuation of sequence) *	3	
<sup>4 3</sup> Connections	3	

Low-  
impact:  
Revise  
program

**Term 6**

Arts and Humanities (List A) *	3	Completion of at least 9 upper-division (300-400 level) hours
Communicating through Writing Elective*	3	
<del>3</del> <sup>2</sup> Social Sciences*	3	
<del>4</del> <sup>3</sup> Connections	6	
Elective	0-2	

<sup>1</sup> Students who come in with 8-hours of general biology credit and are not pursuing a major that requires Biology 150, should consult with an Arts & Sciences Advisor regarding this requirement.

<sup>2</sup> <sup>4</sup> Mathematics placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130, **MATH 131**, or any calculus course is a prerequisite to physics. At least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

<sup>3</sup> <sup>2</sup> MCAT 2015 contains new content; therefore, pre-med students should complete BIOL 240 and BCMB 401 and select PSYC 110\* and SOCI 120\* to satisfy the University General Education Requirement in Social Science.

<sup>4</sup> <sup>3</sup> The Connections requirement may be satisfied in one of three ways:

1. Completing 9 hours from one of the approved connections packages,
2. Completing the requirements for a second major or minor, or
3. Completing 9 hours of study abroad coursework

*Rationale: updates to reflect program changes made in other departments. Impact on other units: none. Financial impact: none.*

**REVISE REQUIREMENTS****Requirement for Pre-Professional Programs Major – Pre-Pharmacy Concentration**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 125*, <b>MATH 132*</b> , MATH 141*, MATH 147*, or MATH 152*	3-4	
<b>Term 3</b>		
BIOL 220-BIOL 229 or MICR 210*	<del>4-5</del> <sup>3-4</sup>	One additional science course from any listed in the plan with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268- <b>CHEM 269</b>	<del>4</del> <sup>3</sup>	
Foreign Language (intermediate level) *	3	
Non-U.S. History*	3	
Social Sciences*	3	
<b>Term 4</b>		
CHEM 360- <del>CHEM 359</del> <b>CHEM 369</b> or CHEM 368- <del>CHEM 359</del> <b>CHEM 369</b>	<del>4</del> <sup>5</sup>	Two additional science courses from any listed in the plan with a grade of C or better
Foreign Language (intermediate level) *	3	ENGL 102*
Arts and Humanities (List A or B) *	3	

Low-  
impact:  
Revise  
program



Global Challenges (if BIOL 150* not taken)	0-3	
Non-U.S. History (continuation of sequence) *	3	

*Rationale: updates to reflect program changes made in other departments. Impact on other units: none. Financial impact: none .*

## REVISE REQUIREMENTS

### Requirement for Pre-Professional Programs Major – Pre-Veterinary Medicine Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150*, BIOL 158*, <del>or BIOL 101*</del> <del>BIOL 102*</del>	<del>3</del> 3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> <del>+</del> Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> <del>+</del> Quantitative Reasoning Electives*	3-4	
Term 3		
BIOL 240	4	One additional science course from any listed in the plan with a grade of C or better
CHEM 260- <del>CHEM 269</del> or CHEM 268- <del>CHEM 269</del>	<del>4</del> 3	
Foreign Language (intermediate level) *	3	
Non-U.S. History*	3	
PHYS 221*	4	
Term 4		
Arts and Humanities (List A) *	3	Two additional science courses from any listed in the plan with a grade of C or better
CHEM 360- <del>CHEM 359</del> <del>CHEM 369</del> or CHEM 368- <del>CHEM 359</del> <del>CHEM 369</del>	<del>4</del> 5	ENGL 102*
Foreign Language (intermediate level) *	3	
Non-U.S. History (continuation of sequence) *	3	
PHYS 222*	4	
Term 5		
Arts and Humanities (List A or B) *	3	CHEM 260 with a grade of C or better
BCMB 401	4	PHYS 221* with a grade of C or better

Low-  
impact:  
Revise  
program

Global Challenges (if BIOL 150* not taken)	0-3	
<sup>1</sup> Social Sciences*	6	
<sup>3</sup> Connections	3	
<b>Term 6</b>		
BCMB 402	4	Completion of at least 9 upper-division (300-400 level) hours
<del>BCMB 311</del> <sup>2</sup> <del>Biology Elective</del>	<del>3</del> 4	
Communicating through Writing Elective*	3	
<sup>3</sup> Connections	6	
<b>Term 7 and 8</b>		
Completion of one year at the University of Tennessee College of Veterinary Medicine.		Term 7: Completion of at least 24 upper-division (300-400 level) hours and Term 8: Completion of at least 42 upper-division (300-400 level) hours
<b>TOTAL (minimum)</b>	<b>120</b>	

<sup>1</sup>Students who come in with 8-hours of general biology credit and are not pursuing a major that requires Biology 150, should consult with an Arts & Sciences Advisor regarding this requirement.

<sup>2</sup> <sup>1</sup> Mathematics placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130, **MATH 131**, or any calculus course is a prerequisite to physics. At least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

~~Any BCMB course (except BCMB 401, BCMB 402, BCMB 452, BCMB 457, BCMB 492, BCMB 493); any EEB course (except EEB 304, EEB 305, EEB 309, EEB 370, EEB 400, EEB 407, EEB 413, EEB 421, EEB 490, EEB 493); any MICR course (except MICR 491, MICR 492, MICR 493).~~

*Rationale: updates to reflect program changes made in other departments. Impact on other units: none. Financial impact: none.*

## Department of Psychology

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Neuroscience Major, BS

Select one sequence:

- **MATH 132 - Calculus 1B infused with precalculus**
- **MATH 142 – Calculus II**  
or

III. Remaining Hours, Complete 15 hours:

- **PSYC 484 - Sleep: Neurobiology, Behavior, and Society**

#### Neuroscience Major, BS – (uTrack Requirements)

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	Completion of at least 12 credit hours
BIOL 159* or BIOL 167*	2	
CHEM 120* or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 125*, <b>MATH 132*</b> , MATH 141*, MATH 147*, or MATH 151*	3-4	

Low-  
impact:  
Revise  
program

*Rationale: updating requirements to reflect changes made in Math. Also updating program to reflect PSYC 484 as an option for the major. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Psychology Major, BA

#### Prerequisites (GPA of at least 2.0)

Select one course (grade of C or better):

Select one course (grade of C or better):

- MATH 115 - Statistical Reasoning \*
- ~~PSYC 385 - Statistics in Psychology \*~~
- STAT 201 - Introduction to Statistics \*

Select one from the following (grade of C or better):

F.

- ~~ANTH 210 - Principles of Biological Anthropology \*~~
- ANTH 309 - Advanced Principles of Biological Anthropology

### Major Requirements

Students must complete a total of ~~31~~ 30 credit hours, at least ~~20~~ 24 of which must be at the 300-level or above. No more than 6 hours from courses offered outside the psychology department may be counted toward the major. No more than 6 hours from ~~PSYC 289~~, PSYC 373, PSYC 382, PSYC 399, PSYC 489, PSYC 491, PSYC 492, PSYC 493 may be used in this major. Continuation in the psychology major requires maintenance of a GPA of 2.0. Students placed on Academic Probation will be informed in writing that they are on probation and their records will be reviewed. Students who continue on Academic Probation will be dropped from the major.

### Core Courses (~~22~~ 24 Hours)

#### 1. Scientific Foundation of Psychology

Complete:

- PSYC 295 - Introduction to Psychological Research Methods ~~or PSYC 298 honors Introduction to Psychological Research Methods~~
- ~~PSYC 294 – Research Methods Lab or PSYC 297 – Honors Research Methods Lab~~

#### 4. Connections to the Biological Sciences

Select one course:

- ~~PSYC 211 – Brain Science Applications~~

#### 7. Individual Differences and Human Diversity

Select one course:

- ~~PSYC 335 – Inter group dialogue facilitation~~

### Psychology Major, BA (uTrack Requirements)

Term 2		
<sup>1</sup> Biological Science Lab (continuation of sequence) *	4	ENGL 101*
ENGL 102* (or equivalent)	3	
Foreign Language (intermediate level) *	3	
PSYC 295 <del>and PSYC 294</del> (Major Core course)	<del>4</del> 3	

<sup>3</sup> Elective	3	
<b>Term 4</b>		
Arts and Humanities (List A) *	3	ENGL 102*
Communicating through Writing Elective*	3	PSYC 295 and PSYC 294 with a grade of C or better
Non-U.S. History (continuation of sequence) *	3	<sup>1</sup> Complete Biological Science requirement* with a grade of C or better
Psychology (Major Core course)	3	<sup>2</sup> Complete Statistics requirement* with a grade of C or better
Quantitative Reasoning Electives*	3-4	

<sup>1</sup> Biological Science requirement can be completed through: (a) BIOL 101\*-BIOL 102\*; (b) BIOL 150\*-BIOL 159\*; (c) BIOL 160\*-BIOL 159\*; (d) ANTH 110\*- ~~ANTH 309 ANTH 210~~\*. To meet the College of Arts and Sciences "Perspectives" requirement in Natural Sciences, students must complete 8 hours of a lab science.

*Rationale: Revisions to catalogue to incorporate other proposed curriculum changes. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Honors Concentration – Psychology

The Psychology Department offers an honors concentration that is a specially designed individualized mentorship program ~~for high achieving students~~. Chancellor's Honors students and psychology majors with ~~psychology GPAs of 3.5 or better and cumulative GPAs of 3.25 or better may apply. ACT scores of 29 or higher (or SAT equivalent) may apply. Admission to the program will be on the basis of the review of the candidate's application and interview by the psychology honors faculty, normally in the student's second year. Any semester with a GPA below 3.25 will lead to consideration of a student's dismissal from the program by the program faculty. The honors concentration includes all the requirements of the psychology major and at least 12 hours of honors courses including:~~

#### Complete:

- all the requirements of the psychology major
- PSYC 385 Statistics in Psychology OR 387 HONORS Statistics in Psychology
- PSYC 397 Honors Advanced research methods
- PSYC 497 -honors capstone seminar

#### Complete one of:

- PSYC 467 -Psychology Honors Thesis
- PSYC 468R NEW psychology honors project (research)
- PSYC 496N -HONORS internship

A major GPA of 3.5 and an overall GPA of 3.25 is required at graduation.

#### Complete at least 4 hours:

- ~~PSYC 347 Honors Seminar~~

#### Complete 3 hours of each:

- ~~PSYC 367 Psychology Honors Project~~
- ~~PSYC 467 Psychology Honors Thesis~~

*Rationale: Revisions to catalogue to incorporate other proposed curriculum changes. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Psychology Minor

The minor consists of PSYC 110\* or equivalent and **PSYC 294 or PSYC 297** and PSYC 295 **or PSYC 298** plus 15 additional hours at the 300 level and above. (Up to 3 credits from PSYC 399, PSYC 489, PSYC 491, PSYC 492, PSYC 493 may be used in this minor.)

*Rationale: Revisions to catalogue to incorporate other proposed curriculum changes. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF RELIGIOUS STUDIES

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Religious Studies Major, BA – Religion and Nonprofit Leadership Concentration

#### Major Requirements:

#### III. Select one course from the following list (3 hours):

- ~~PYED 246 – Outdoor Leadership~~

*Rationale: The host college is dropping PYED 246; therefore, it must be removed from this list.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Religious Studies Minor – Religion and Nonprofit Leadership

#### Minor Requirements

#### II. Select one course from the following list (3 hours):

- ~~PYED 246 – Outdoor Leadership~~

*Rationale: The host college is dropping PYED 246; therefore, it must be removed from this list.*

## DEPARTMENT OF SOCIOLOGY

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Global Studies Major, BA – Global Politics and Economy Concentration

#### Major Requirements

#### B. Select two regional studies courses:

- ~~SPAN 482 – Trends in Hispanic Thought~~

*Rationale: SPAN 482 is being dropped.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Global Studies Major, BA – Global Society and Culture Concentration

#### Major Requirements

#### B. Select two regional studies courses:

- ~~SPAN 482 – Trends in Hispanic Thought~~

*Rationale: SPAN 482 is being dropped.*

**Statistics (Arts and Sciences)**Low-  
impact:  
Revise  
program**REVISE REQUIREMENTS****Statistics Major, BS (Arts and Sciences)****Prerequisites**

- **MATH 132 - Calculus 1B infused with precalculus or** MATH 141 - Calculus I \*
- MATH 142 - Calculus II \*

**Statistics Major, BS (Arts and Sciences) (uTrack Requirements)**

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	Complete 12 hours
Foreign Language (intermediate level) *	3	
<b>MATH 132* or</b> MATH 141* or MATH 147*	4	
Communicating Orally Elective*	3	
Social Sciences*	3	
Term 3		
Foreign Language or Elective	3	<b>MATH 132* or</b> MATH 141*
Arts and Humanities (List A or B) *	3	
MATH 241 (or approved upper division mathematics course)	4	
STAT 201* or STAT 251	3	
Natural Sciences Lab*	4	

*Rationale: Updates to add MATH 132 wherever MATH 141 is accepted as they have the same learning outcomes. Impact on other units: none. Financial impact: none.*

**HASLAM COLLEGE OF BUSINESS**

All changes effective Fall 2020

**COURSE CHANGES****INTERDEPARTMENTAL  
(BUAD) Business Administration**Mid-  
impact:  
Drop  
Course**DROP COURSE****BUAD 242 Business Software Applications (2)**

*Rationale: Course is being replaced in Haslam curriculum by INMT 242. Changing the discipline from BUAD to INMT provides a more descriptive title and signal to the market by identifying this course as an information management course. Impact on other units: We have communicated this to the Herbert College of Agriculture. We are keeping their college in the registration restriction for the new INMT 242 course. Financial impact: The two hours dropped are being replaced by three hours of INMT 242, an increase of one hour of differential tuition.*

Old Course	New Course
BUAD 242	INMT 242

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

**BUAD 342 CBM II: Information Management (2)**  
(RE) Corequisite(s): INMT 242 and BUAD 341.

*Formerly: 242 and 341.*

*Rationale: Reflects fact that BUAD 242 is being dropped and INMT 242 is being added in its place. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE REGISTRATION RESTRICTION**

**BUAD 405 Impact: Becoming a Leader Who Makes a Positive Difference**

*Registration Restriction(s): Majors in Haslam College of Business and Economics majors in the College of Arts and Sciences. Minimum student level – senior.*

*Formerly: Majors in the Haslam College of Business and Economics majors in the College of Arts and Sciences.*

*Rationale: This course is designed to be taken in a student's final semester, and this classification restriction will help accomplish that goal. Should a student be entering their final semester but be just shy of senior status at registration time, an advisor can provide a CLASS override. Impact on other units: None. Financial impact: This will leverage resources and help ensure that seats are reserved for graduating seniors.*

## **DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT (ACCT) Accounting**

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION**

**ACCT 311 Intermediate Financial Accounting I (3)**

*Theory and practice that underlies the preparation, analysis, and use of financial statements with special emphasis on accounting for assets.*

*Formerly: ACCT 311 Financial Reporting and Analysis (3)  
Theory and practice that underlies the preparation, analysis, and use of financial statements.*

*Rationale: The revised course title and description better describe the course content and sequence. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

**ACCT 411 - Introduction to Auditing (3)**

*(RE) Prerequisite(s): ACCT 311 with grade of C or better or permission of instructor; INMT 341 with a grade of C or better or permission of instructor.*

*Formerly: (RE) Prerequisite(s): 311 with grade of C or better or permission of instructor.*

*Rationale: Data has shown that students perform better in this senior level course if they have previously completed INMT 341. Impact on other units: None. Financial Impact: None.*



Low-  
impact:  
Revise  
course

## REVISE TITLE, REVISE DESCRIPTION

### **ACCT 414 Intermediate Financial Accounting II (3)**

Theory and practice that underlies the preparation, analysis, and use of financial statements with special emphasis on accounting for liabilities and stockholders' equity.

*Formerly: ACCT 414 Advanced Financial Reporting (3)*

*Accounting standards for advanced financial reporting topics, such as statement of cash flows, income taxes, leases, accounting changes, consolidated financial statements, and foreign operations.*

*Rationale: The revised course title and description better describe the course content and sequence. Impact on other units: None. Financial impact: None.*

## **(INMT) Information Management**

Mid-  
impact:  
Add  
Course

## ADD COURSE

### **INMT 242 Business Software Applications (3)**

Instruction on the use of popular spreadsheet, database, and analytical software including how and when to apply the features of these types of applications to address a variety of business problems. Content emphasizes leveraging widely used business tools via hands-on activities.

*(RE) Prerequisite(s): ACCT 200 or ACCT 203.*

*Registration Restriction(s): Majors in the Haslam College of Business or the Department of Agricultural and Resource Economics in the Herbert College of Agriculture only.*

*Rationale: This is replacing the previous 2-hour BUAD 242 course in the Haslam curriculum. Feedback from professionals and recruiters continue to provide evidence of the importance of technology skills for business professionals. Due to the need for business professionals to enter the workplace with sufficient applied technology skills, updating from two hours to three hours is needed. Changing the name from BUAD to INMT provides a more descriptive title and signal to the market, by identifying this course as an information management course. Impact on other units: We have communicated this change to the Herbert College of Agriculture and have preserved their students in the registration restriction. Financial impact: Current faculty already on staff have the qualifications and capacity to teach this course. GTA lab burden (hours needed) will not change. This change does add one hour of differential tuition to the curriculum.*

Old Course	New Course
BUAD 242	INMT 242

Mid-  
impact:  
Add  
Course

## ADD COURSE

### **INMT 441 Introduction to Cybersecurity in Business (3)**

Introduction to the theories, technologies, and procedures underlying the protection of information assets. Students work with a variety of tools to enhance their knowledge and technology skills. This course also includes study of key business issues related to designing and implementing cybersecurity.

*(RE) Prerequisite(s): INMT 341 with grade of C or better or BAS 320 with grade of C or better.*

*(RE) Corequisite(s): INMT 342.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: Cybersecurity is one of the more important challenges facing business organizations and professionals today. Impact on other units: Creates a new option for students seeking an IM collateral or concentration. Financial Impact: None. Current faculty already on staff have the*

qualifications to teach this course. Evidence from Assessment Activities: Feedback from recruiters, advisory boards, and competitive analysis confirm the need for an undergraduate course in cybersecurity.

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION (multiple courses)**

#### **INMT 442 e-Enterprise (3)**

This 'hands on', project-based course introduces students to key information management trends and challenges related to established and emerging technologies, and overviews key business applications and algorithms that support the flow of data in businesses, with a focus on Internet enabled business processes that connect buyers, suppliers, and trading partners in dynamic, real-time information sharing partnership. Students work with a variety of tools to enhance their knowledge and technology skills.

*Formerly: This 'hands on,' project-based course introduces students to transaction processing basics, the flow of data in businesses, business application software, and key information management trends and challenges, with a focus on Internet enabled business processes that connect buyers, suppliers, and trading partners in dynamic, real-time information sharing partnership. Students work with a variety of tools to enhance their knowledge and technology skills (e.g., power spreadsheet modeling, corporate application (ERP, CRM, SCM) software, data analytics software, etc.)*

*Rationale: The revised course description better describes the course content. Impact on other units: None. Financial impact: None.*

#### **INMT 443 Business Applications and Tools (3)**

This 'hands-on', projects-based course introduces students to business application logic and object programming. Topics include fundamentals of business application logic, business application architectures, and project management. Students use application development tools and programming languages/scripts to write algorithms (including linking apps to databases and other file types).

*Formerly: This 'hands-on', projects-based course introduces students to business application logic and object programming. Topics include fundamentals of business application logic, business application architectures, and project management. Students use application development tools to write Visual Basic algorithms which link to databases and other file types.*

*Rationale: The revised course description better describes the course content. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE, REQUEST VARIABLE TITLE**

#### **INMT 499 Special Topics in Information Management (1-3)**

This course introduces and addresses the challenges related to managing new emerging and disruptive information technologies that are impacting business environments.

*(RE) Prerequisite(s): INMT 341 with grade of C or better or BAS 320 with grade of C or better.*

*(RE) Corequisite(s): INMT 342.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Repeatability: May be repeated if topic differs. Maximum 12 hours.*

*Rationale: Issues and practices related to managing information and technology evolves so rapidly, we need the flexibility to introduce new content to reflect the speed of development.*

*Impact on other units: Creates a new option for students seeking an IM collateral or concentration. Financial Impact: None. Current faculty already on staff have the qualifications to teach this course.*

Evidence from Assessment Activities: Feedback from recruiters, advisory boards, and competitive analysis confirm the need for our students to be current and relevant in terms of emerging technologies and information management skills/knowledge.

## DEPARTMENT OF BUSINESS ANALYTICS AND STATISTICS (BAS) Business Analytics

Low-  
impact:  
Revise  
course

### REVISE TITLE

#### **BAS 476 Data Engineering and Visualization (3)**

*Formerly: BAS 476 - Data Engineering and Visualization in Python (3)*

*Rationale: Fall 2019 will be the first offering of BAS 476. First offering courses can be difficult to get students to enroll. As such, we wanted to make sure students knew the course was going to use Python, currently a popular programming language in the field of Business Analytics and Data Visualization. After discussions with the instructor of this course, and many within HCB, it was decided to drop the reference to "Python" in the course name in future catalogs. It is quite possible that some new programming language will come along, and be a better choice for this course. We don't want to have to change the name of the course each time the programming language used in the course changes. Impact on other units: None. Financial impact: None.*

*One of our "learner objectives" is: "Students will be able to identify the necessary data to use and/or perform the proper analysis to address an important business question." Many times, answers to a business question don't take "analysis" of data per se, but well thought out data selection and eloquent and graphical data summary. The tools to do this continue to evolve in our field. No longer tying this course to a particular programming language allows the faculty to quickly change the course to better prepare students for the current Analytics environment.*

## (STAT) Statistics

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S)

#### **STAT 201 Introduction to Statistics (3)**

Graphical and numerical summaries of data. Introduction to probability, simulation, sampling distributions and the normal distribution. Sampling techniques. Inference for a single mean, a single proportion, and difference in independent means using confidence intervals and hypothesis testing. Correlation, simple linear regression, and decision trees. Association between categorical variables. Use of statistical computing and widely used spreadsheet software. Applied course appropriate for a general audience.

*Formerly: Data collection techniques. Graphical and numerical summaries of data. Introduction to probability and probability distributions. Binomial and normal distributions. Inference for a single mean, a single proportion, difference in means and difference in proportions using confidence intervals and hypothesis testing. Simple linear regression and correlation. Association between categorical variables. Use of statistical computing software. Applied course appropriate for a general audience.*  
*(RE) Prerequisite(s): Mathematics 125 or Mathematics 141 or Mathematics 152.*

*Rationale: Although students in the Haslam College of Business (HCB) currently must take at least MATH 125, the current minimum prerequisite to STAT 201, STAT 201 is taken by many students outside HCB. Some of the students that wish to take STAT 201 already have the currently stated prerequisites, but some do not. Such students have been told to take MATH 125 - Basic Calculus, prior to taking STAT 201. After doing so, and completing STAT 201, these*

Low-  
impact:  
Revise  
course

students were upset that STAT 201 did not utilize any of the content of MATH 125. The faculty of the Business Analytics & Statistics department agree that knowledge of calculus is no longer required to succeed in STAT 201. These faculty agree that anyone admitted to The University of Tennessee would have the necessary background to succeed in STAT 201. Impact on other units: This proposed change could negatively impact the number of students that currently enroll in MATH 115 - Statistical Reasoning. This course is described as "an introduction to probability and statistics without calculus.", and has no prerequisite. Many students enroll in this course instead of STAT 201 because it has no prerequisites. Once STAT 201 also has no prerequisites, students will likely be more inclined to sign up for STAT 201 vs. MATH 115, as STAT 201 is viewed as a more practical and applied approach to the topic versus MATH 115, which tends to be more mathematically oriented. Financial impact: Although it is difficult to predict the impact of this change regarding the demand for STAT 201, it is anticipated that demand for this course will grow because of this change. If that happens, additional GTAs will likely be needed, but there is a good chance additional faculty will not be needed. Changes to the delivery of STAT 201 are underway that allow large numbers of students to attend class "virtually" while a single professor delivers the lecture. This new delivery mode could allow the Business Analytics & Statistics Department to service more students in STAT 201 without the need for additional faculty.

### **REVISE CONTACT HOURS, REMOVE (RE) PREREQUISITE(S), REVISE RECOMMENDED BACKGROUND**

#### **STAT 207 Honors: Introduction to Statistics (3)**

Contact Hour Distribution: Two 75-minute lectures and one 50-minute lab per week.

Recommended Background: Math 125 or similar college level calculus course and 28 composite ACT or 1250 composite SAT.

Formerly: Contact Hour Distribution: Two 50-minute lecture and one 110-minute lab per week.

Recommended background: 28 composite ACT or 1250 composite SAT.

Rationale: STAT 207 has been operating under the proposed contact hours for many years now, going back to at least Spring 2011. This change is needed so that the catalog reflects what is currently happening in STAT 207. We feel the course can still remain a three-hour course because the lab is not adding any new material or generating additional work for the students; it is used to reinforce what has been covered in lectures. Furthermore, this change makes the prerequisites for STAT 201 (we are proposing dropping all prerequisites to STAT 201 in a different change form) the same as the honors version of the course, namely STAT 207. However, being an honors course, STAT 207 is more rigorous than STAT 201, so short of requiring a calculus background for STAT 207, we made it a "recommended background". This is in addition to the currently stated recommended background. This effectively eliminate all prerequisites to STAT 207, while still sending the message to students and academic advisors that this is a more challenging course compared to STAT 201. Impact on other units: None. Financial impact: None. It is not anticipated that more students will take STAT 207 because of this change.

## **DEPARTMENT OF FINANCE (FINC) Finance**

Program Learning Outcomes for the BSBA in Finance:

1. Students will demonstrate mastery of these principles of finance: present value, future value and net present value calculations.
2. Students will perform ex-post and ex-ante return and risk calculations, and make correct choices based on an understanding of systematic risk, unsystematic risk, total risk, and total return concepts.
3. Students will demonstrate mastery of these principles of finance: making correct value maximizing choices based on an understanding of time value of money and capital budgeting principles.

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION

#### **FINC 301 Survey of Financial Management (3)**

Survey of financial management principles covering investment, financing, and asset management functions of the firm.

*Formerly: FINC 301 Financial Management (3)  
Principles of financial management. Investment, financing, and asset management functions of the firm.*

*Rationale: We are creating a new introductory course for majors and collaterals (FINC 306). This course is largely unchanged, but a name/description change was warranted as we are using the old name for FINC 301 as the name for the new FINC 306 course. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **FINC 306 Financial Management (3)**

Principles of financial management. Investment, financing, and asset management functions of the firm.

*(RE) Prerequisite(s): C or better in all the tracking courses – ACCT 200 or ACCT 203; ECON 211, ECON 213; CMST 210 or CMST 240; ENGL 255 or ENGL 295; MGT 202; MATH 123-MATH 125 or MATH 141-MATH 142; and STAT 201 (or honors equivalents).*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: (1) It allows us to offer a deeper dive into the actual finance decision-making process (think forecasting cash flows, details of computing NPV + other methods like APV) while allowing the non-major version to focus on making non-Finance functions within the firm conversant with the Finance function; (2) It lets us raise the bar for finance majors/collaterals to advance without adversely affecting other majors. Proposal broadly supports all three of the Finance Department's learning outcomes. The most direct support will be for outcomes 1 and 3, as these deal with basic computations for all of finance and the central decisions of the CFO function inside the firm. Instructors in upper-level finance often allocate too much time reviewing the basics of financial mathematics and decision-making and are unable to adequately progress through advanced material. Impact on other units: Finance collaterals will need to take FINC 306 instead of FINC 301. Those departments have been notified. We will have a mechanism in place for students to switch over to a finance major or collateral after taking FINC 301. The mechanism will be a B or better in 301 plus a satisfactory score (80%) on a competency exam. That path is not the optimal one, and the bar is high - it only exists as an accommodation to students who wish to make a change. Financial impact: We will cover FINC 301 and the new FINC 306 with approximately the same resources we currently use for FINC 301.*

Low-  
impact:  
Revise  
course

### REVISE (RE) COREQUISITE(S)

#### **FINC 420 Financial Statement Analysis (3)**

*(RE) Corequisite(s): FINC 306 or FINC 307.*

*Formerly: (RE) Corequisite(s): 301 or 307*

*Rationale: We are creating a new introductory course for majors and collaterals (FINC 306) to replace FINC 301 in that curriculum. Impact on other units: The prerequisite/corequisite structure affects all collaterals required to take this course. Other units have been advised. Financial impact: None.*



Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **FINC 425 Investment and Portfolio Management (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307 with a grade of C or better.*

*(RE) Corequisite(s): FINC 420 or FINC 428.*

*Formerly: (RE) Prerequisite(s): 301 or 307 with a grade of C or better.*

*(RE) Corequisite(s): 420.*

#### **FINC 427 Honors: Investment and Portfolio Management (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307 with a grade of B or better.*

*(RE) Corequisite(s): FINC 420 or FINC 428.*

*Formerly: (RE) Prerequisite(s): 301 or 307 with a grade of B or better.*

*(RE) Corequisite(s): 420.*

*Rationale: We are creating a new introductory course for majors and collaterals (FINC 306) to replace FINC 301 in that curriculum. Proposals also incorporate new FINC 428 course option in place of FINC 420.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **FINC 428 Honors: Financial Statement Analysis (3)**

Focus of course is on use of financial information rather than preparation of financial statements. Analysis is from the perspective of key users such as creditors, equity investors, financial analysts, and investment bankers.

*(RE) Corequisite(s): FINC 306 or FINC 307.*

*Rationale: Some students have the ability and desire to explore these topics at a deeper level than is feasible in Finance 420. Impact on other units: Finance collaterals that require FINC 420 should now require either Finance 420 or 428. These collaterals should also note the corequisite for this course is Finance 306 or 307 (not Finance 301). Financial impact: We will replace one of the planned 420 offerings with a section of 428.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **FINC 435 Financial Markets and Institutions (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307 and FINC 420 or FINC 428 with a grade of C or better.*

*Formerly: 301 or 307 and 420 with a grade of C or better.*

#### **FINC 440 Fixed Income Analysis and Markets (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307, FINC 420 or FINC 428, and FINC 425 or FINC 427 with grades of C or better.*

*Formerly: (RE) Prerequisite(s): 301 or 307, 420, and 425 with grade of C or better.*

#### **FINC 445 Financial Derivatives (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307, FINC 420 or FINC 428, and FINC 425 or FINC 427 with grades of C or better.*

*Formerly: (RE) Prerequisite(s): 301 or 307, 420, and 425 with grade of C or better.*

Low-  
impact:  
Revise  
course

*Rationale: We are creating a new introductory course for majors and collaterals (FINC 306) to replace FINC 301 in that curriculum. Proposals also incorporate new FINC 428 course option in place of FINC 420.*

### **REVISE (RE) PREREQUISITE(S), REVISE REGISTRATION RESTRICTION(S)**

#### **FINC 450 Advanced Capital Budgeting (3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307 and FINC 420 or FINC 428 with a grade of C or better.*

*Registration Restriction(s): Majors in the Haslam College of Business except Finance.*

*Formerly: (RE) Prerequisite(s): 301 or 307 and 420 with a grade of C or better.  
Majors in the Haslam College of Business.*

*Rationale: We are creating a new introductory course for majors and collaterals (FINC 306) to replace FINC 301 in that curriculum. Proposals also incorporate new FINC 428 course option in place of FINC 420.*

*Rationale: This course is intended for non-Finance majors and the registration restriction is needed to prevent Finance majors from registering for it. Finance majors receive this material at a higher level in their major course, FINC 455. Impact on other units: No negative impact; will help ensure that other majors are able to get into this course. Financial impact: By tightening the registration restriction, will help ensure that the seats go to students who need them, thereby leveraging resources.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **FINC 490 Finance Help Desk (1)**

*Hold "Help Desk" hours and assist students currently enrolled in Finance courses.*

*(RE) Prerequisite(s): Finance FINC 301 or FINC 307.*

*Repeatability: Repeatable up to 3 hours.*

*Rationale: Students in our entry-level finance courses (e.g., FINC 300 and FINC 301) often need additional assistance with course material. The help desk allows experienced and accomplished students to help others. Broadly, proposal supports program learning outcomes. When students enroll in the help desk course, they are forced to verbalize their understanding of various concepts in a way that deepens their knowledge. Impact on other units: None. Financial impact: None known.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **FINC 495 Investment Fund Management (1-3)**

*(RE) Prerequisite(s): FINC 306 or FINC 307 with a grade of B+ or better; FINC 420 or FINC 428 with a grade of B+ or better.*

*Formerly: None.*

*Rationale: Students need to demonstrate a strong understanding of numerous concepts covered in the list of prerequisites in order to succeed in this course. Impact on other units: None. Financial impact: None known.*

## **DEPARTMENT OF MANAGEMENT AND ENTREPRENEURSHIP (ENT) Entrepreneurship**

Mid-  
impact:

### **ADD COURSE**



Add  
Course

### **ENT 462 Innovation and Creativity (3)**

The goal of this course is to create a working prototype of a marketable product or service within the semester. Starting with a seed of a new product idea, students will conduct a market opportunity analysis, select a target market, and then define the product concept, features, benefits, and unique selling proposition. They will partner with technology experts, hardware and software developers, and others to physically create the product. In-class time will focus on experiential learning with creativity and innovation exercises and weekly executive briefings. Out-of-class time will focus on readings, simulations, field interviews, and work on the product prototype. Throughout the exercise, students will receive guidance and feedback from a professional Product Development Coach.

*(RE) Prerequisite(s): ENT 350 with a grade of C or better.*

*Rationale: This course fills a gap in the overall entrepreneurship curriculum and adds an important experience in startups. Impact on other units: Added as course option to majors offering the Entrepreneurship collateral. Financial impact: 1 Work Unit.*

## **(MGT) Management**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

### **MGT 465 Workforce Analytics (3)**

Workforce Analytics describes how data are used to assess and inform managerial decisions related to the management of human resources. In this course, the student will learn and understand the underlying processes and causal relationships to effectively use data. The goal is to train subject matter experts who can inform managerial decisions. During the course, the student will learn to define and validate constructs and their measurement, which implies a strong existing knowledge of workforce processes and constructs. Based on these baselines, the student will establish a program for assessment/measurement to gain needed data in an ongoing basis. Next, the student will develop the analytical capabilities to code, study, and evaluate data with a high level of rigor. Finally, the student will learn to translate the data into a form that non-analytical managers can understand. The end result is to enable management to make diagnostic prescriptions to advance their respective workforces.

*(RE) Prerequisite(s): C or better in MGT 462.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: This course is part of the new Workforce Analytics track within the Management Major. Impact on other units: None. Financial impact: 1 Work Unit.*

## **DEPARTMENT OF MARKETING Marketing (MARK)**

Low-  
impact:  
Revise  
course

### **REMOVE (RE) COREQUISITE(S)**

### **MARK 350 Consumer Behavior (3)**

*Formerly: (RE) Corequisite(s): MARK 360.*

*Rationale: Change is necessary given that students in other majors with a Marketing collateral or concentration will no longer be required to take MARK 360. Impact on other units: None. Financial Impact: No net impact.*

Low-  
impact:

### **REVISE TITLE, REVISE DESCRIPTION**

### **MARK 360 Marketing Research and Insights (3)**

Revise  
course

This course is designed to enable students to understand the market research process for marketing insights. Students learn how to conduct and use research to make decisions and recommendations and learn how to communicate research findings/leverage research to formulate strategic plans.

*Formerly: MARK 360 Marketing Analytics (3)*

*Develops students' analytical and decision-making skills through specific exercises and examples that apply various statistics principles to marketing-specific content. Students learn how to organize data into customer databases and how to analyze those databases through learning of statistical techniques, decision analysis techniques, and spreadsheet analysis techniques.*

*Rationale: The revised description better describes the course curriculum and student outcomes. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **MARK 460 Marketing Strategy (3)**

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **MARK 462 Innovation/New Product Development (3)**

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **MARK 464 Brand Management (3)**

Effective brand management is critical to maintaining a firm's long-term profitability. This course addresses the important decisions that firms face in creating, measuring, and managing brand equity so as to drive top- and bottom-line performance. The concepts, theories, frameworks, and analytical tools covered in the course can aid students to better understand how firms plan, implement, and evaluate their brand-building strategies.

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: Effective brand management is critical to maintaining a firm's long-term profitability. This course is designed to develop students' understanding of the importance of brand management in driving top- and bottom-line performance. Topics will include those relating to managing brands, products, and prices.*

*(RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Course champion wanted to re-frame description and add specificity. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **MARK 465 Strategic Digital Marketing (3)**

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Low-  
impact:  
Revise  
course

### **REVISE COURSE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **MARK 466 Integrated Marketing Communication (3)**

This course examines how organizations communicate value to customers. Students use experiential learning to apply the concepts of branding, positioning, understanding target audiences, traditional/non-traditional marketing, digital marketing, consumer promotions, public relations, and sponsorship/event marketing.

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: Examines how organizations communicate value to customers.*

*Communication topics will be presented in the framework of an integrated marketing communication strategy. Topics include advertising management, sales promotion, publicity and public relations, sponsorship marketing, direct marketing, and e-marketing.*

*(RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Course champion thought the term “experiential learning” should be in the description. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **MARK 468 Sales Force Management (3)**

*Rationale: Course number no longer works given the university expectation that course numbers that end in “8” are honors courses. Impact on other units: No significant impact; will need to reflect changes in collaterals that utilize this course. Financial Impact: None, simply re-numbering already offered course.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **MARK 469 Professional Selling (3)**

*(RE) Prerequisite(s): MARK 350 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.*

Low-  
impact:  
Revise  
course

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

### **REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)**

#### **MARK 470 Advanced Topics in Sales (3)**

*(RE) Prerequisite(s): MARK 350 and MARK 469 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): MARK 350 and MARK 360 with a grade of C or better.  
(RE) Corequisite(s): MARK 469.*

*Rationale: Since other majors with MARK collaterals and concentrations will no longer be required to take MARK 360, the prerequisites for subsequent electives must reflect that. Course should always have been a prerequisite. Impact on other units: None. Financial Impact: No net change; this will reduce the number of sections of MARK 360 offered, but it will increase the number of 400-level electives offered.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **MARK 471 Sales Force Management (3)**

This course examines how organizations communicate value to customers through the management of a professional sales force. It focuses on the activities and problems of sales force management and first line sales managers. Topics include sales force organization, recruiting, motivating, forecasting, territory design, and evaluation.

*(RE) Prerequisite(s): MARK 350 with grade of C or better.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: Honors courses are designated with "8" as the last digit of course number. This takes a course previously listed as MARK 468 and changes it to MARK 471. Impact on other units: No significant impact; will need to reflect changes in collaterals that utilize this course. Financial Impact: None, simply re-numbering already offered course.*

Equivalency Table

Current Course	New Course
MARK 468	MARK 471

## **DEPARTMENT OF SUPPLY CHAIN MANAGEMENT (SCM) Supply Chain Management**

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **SCM 309 Supply Chain Analytics and Decision Making (3)**

This course builds upon basic supply chain management concepts from previous coursework, and it introduces more advanced decision-making criteria and approaches in the field of supply chain management. The course includes basic analytical methods and techniques used in supply chain management and generates quantitative experience in solving relevant supply chain and logistics problems. The course content includes an emphasis on the use of Microsoft Excel functions to develop modeling skills including decision analysis, integer and linear programming, and simulation for supply chain and logistics decision-making. A balanced view of logistics, distribution, operations and purchasing is covered in the course, along with the advantage of integration among supply chain members. Context areas for problem solving include supply chain network design, inventory management, manufacturing scheduling, outsourcing, transportation

management, purchasing, and demand forecasting. Each student will be required to demonstrate the ability to understand the fundamentals of the field and to stretch this understanding to comprehend and apply the analytical methods needed by managers to solve more quantitative problems.

*(RE) Prerequisite(s): BUAD 331*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: This course will replace SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material and free up three hours for a 400 level elective.*

*This change reflects our SACS learning objective: To understand and apply the industry standard supply chain concepts of plan, source, make, deliver, and return. This change reflects input from the SCM faculty, our Global Supply Chain Institute Advisory Board, and the Gartner Group.*

*Impact on other units: Course will be required in place of SCM 311 and 312 for SCM collaterals or concentrations in other majors (Business Analytics, Finance, Marketing). Financial impact: No negative impact (Any freed resources will be offset by increased demand in the 400 level electives).*

Mid-  
impact:  
Drop  
Course

### **DROP COURSES (multiple courses)**

#### **SCM 311 Intermediate Supply Chain Management (3)**

#### **SCM 312 Supply Chain Analytics (3)**

*Rationale: This will avoid overlap and redundancy of material content. It will also free up 3 hours to take an additional SCM 400 level elective. Impact on other units: Courses will be replaced by SCM 309 for SCM collaterals and concentrations in other majors. Financial impact: No negative impact (Any freed resources will be offset by increased demand in the 400 level electives).*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE REGISTRATION RESTRICTION(S) (multiple courses)**

#### **SCM 411 Supply Chain Modeling and Analysis (3)**

This course explores the key issues associated with the design and analysis of dynamic, flexible, and responsive supply chain systems. Emphasis will be on the application and development of advanced modeling techniques for the analysis of strategic, tactical and operational supply chain problems including: supply chain network design, inventory management, transportation management, purchasing, demand management, and coordination among supply chain partners.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better*

*Registration restriction: Supply Chain Management majors only.*

*Formerly: This course explores the key issues associated with the design and analysis of dynamic, flexible, and responsive supply chain systems. Emphasis will be on the application and development of advanced modeling techniques for the analysis of strategic, tactical, and operational supply chain problems including supply chain network design, inventory management, transportation management, purchasing, demand management, and coordination among supply chain partners.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: This change better matches the content of this course and corrects the prerequisite. The registration restriction is necessary because teaching capacity is very limited for this course; seats need to go to SCM majors. Students in other majors need to take the core SCM courses (i.e., SCM 413, 414, 421). Impact on other units: Other majors can no longer take this course; they will need to take the core SCM courses (i.e., SCM 413, 414, 421). Financial impact: Leverages resources by ensuring that seats go to SCM majors.*



**SCM 412 Supply Chain Information Technology (3)**

Introduces students to supply chain management (SCM) technologies, including a broad range of information technology (IT) capabilities from automating data capture to facilitating supply chain design. Content spans computer technology, including larger server-based, data intensive software to PC-based decision technology to the current trend toward Web-based software and cloud computing.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better.*

*Registration restriction: Supply Chain Management majors only.*

*Formerly: Introduces students to supply chain management (SCM) technologies, including a broad range of information technology (IT) capabilities from automating data capture to facilitating supply chain design. Content spans computer technology, including large server-based, data intensive software to PC-based decision technology to the current trend toward Web-based software and cloud computing. The course aims to develop and produce supply professionals who have an understanding of and appreciation for the role of IT in managing supply chains.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Registration Restriction(s): Majors in the Haslam College of Business.*

*Rationale: This change better matches the content of this course and corrects the prerequisite. The registration restriction is necessary because teaching capacity is very limited for this course; seats need to go to SCM majors. Students in other majors need to take the core SCM courses (i.e., SCM 413, 414, 421). Impact on other units: Other majors can no longer take this course; they will need to take the core SCM courses (i.e., SCM 413, 414, 421). Financial impact: Leverages resources by ensuring that seats go to SCM majors.*

**REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)****SCM 413 Logistics Operations (3)**

Analysis of supply chain operations and management techniques applied to manufacturing, transportation, warehousing, and distribution center operations.

*Prerequisites: SCM 309 with a grade of C or better.*

*Formerly: SCM 413 Supply Chain Operations (3)*

*Analysis of supply chain operations and management techniques applied to manufacturing, transportation, warehousing, and distribution center operations.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Rationale: This change better matches the content of this course and corrects the prerequisite. Impact on other units: None. Financial impact: None.*

**REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), ADD REGISTRATION RESTRICTION(S)****SCM 414 Manufacturing and Service Operations (3)**

This course provides an overview of the operations management function within an organization – highlighting how the operations can be strategically designed, managed, and improved. Core operations management concepts applicable to both manufacturing and service environments are covered. New product launch is a unique challenge and is covered thoroughly.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better.*

*Registration restriction: Majors in the Haslam College of Business.*

*Formerly: SCM 414 Manufacturing and Service Processes (3)*

*This course explores issues associated with designing and managing manufacturing and service processes. Students will be exposed to material describing how operational processes support business strategy, as well as techniques for designing, evaluating,*

*and managing production processes for goods and services. Statistical process controls and techniques are included.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Rationale: This change better matches the content of this course and corrects the prerequisite.*

*Impact on other units: None. Financial impact: None.*

### **REVISE COURSE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **SCM 421 Global Strategic Sourcing (3)**

Addresses the processes that facilitate the structure, development, and management of value-added transactions and relationships between supplier and customer organizations in a global supply chain context. The course examines the management of the business purchasing function, including supplier selection and development, quality control, and performance measurement and has a particular emphasis on tools and techniques used for cost and supply chain financial management.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better.*

*Formerly: Addresses the processes that facilitate the structure, development, and management of value added transactions and relationships between supplier and customer organizations in a global supply chain context. The course examines the management of the business purchasing function, including supplier selection and development, quality control, cost management, and performance measurement.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Rationale: This change better matches the content of this course and corrects the prerequisite.*

*Impact on other units: None. Financial impact: None.*

### **REVISE COURSE DESCRIPTION, REVISE (RE) PREREQUISITE(S), ADD REGISTRATION RESTRICTION(S)**

#### **SCM 422 Supply Chain Planning and Financial Analysis (3)**

This course focuses on the development of long, medium and short, long-term plans in support of the firm's supply chain strategies, within an integrated an end-to-end unified and coordinated supply chain system. Students are exposed to concepts and models important in supply chain planning including: supply and demand synchronization, material planning and production planning, service and customer management, distribution requirements planning, and new product launch. Each planning area emphasizes key financial and operational tradeoffs.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better.*

*Registration restrictions: Supply Chain Management majors only.*

*Formerly: This course focuses on the development of tactical plans in support of the firm's supply chain strategies, with an emphasis on how to integrate these plans into a unified and coordinated supply chain system. Students are exposed to concepts and models important in supply chain planning with emphasis on key financial and operational trade-offs.*

*(RE) Prerequisite(s): 311 and 312 with grades of C or better.*

*Rationale: This change better matches the content of this course and corrects the prerequisite. The registration restriction is necessary because teaching capacity is very limited for this course; seats need to go to SCM majors. Students in other majors need to take the core SCM courses (i.e., SCM 413, 414, 421). Impact on other units: Other majors can no longer take this course; they will need to take the core SCM courses (i.e., SCM 413, 414, 421). Financial impact: Leverages resources by ensuring that seats go to SCM majors.*



Mid-  
impact:  
Add  
Course

### ADD COURSE

#### SCM 430 Supply Chain Project Management (3)

This team-based course explores how to drive value through cost, quality, customer service and new product improvement projects. To teach effective project management fundamentals, the class partners with a corporation and works on real-world problems. Using critical path management software, teams lead technical, cost saving, supply chain infrastructure, and new product initiatives. Students learn how project management impacts new product development, demand/supply integration, stage gate product launch, risk management, and budgeting.

*(RE) Prerequisite(s): SCM 309 with a grade of C or better*

*Registration restrictions: Majors in Supply Chain Management only.*

#### Rationale:

*(1) This is currently offered as a projects-based version of SCM 460, Global Strategy for Supply Chain, the department capstone. Faculty determined that with the experiential methodology students were not covering global strategy as comprehensively as the other sections of SCM 460. To remove this inequity, faculty decided to maintain the course as an elective rather than the capstone.*

*(2) A survey of 45 of our GSCI advisory board members, as well as recent feedback from the Gartner rankings agency, suggests that we are deficient in terms of providing project management content, and should do so in a "real-world" interactive setting if possible. The department is offering this course, but it is not evident to external parties.*

*Impact on other units: None. Financial Impact: No net impact; already offered under special topics course number.*

Low-  
impact:  
Revise  
course

### REVISE COURSE DESCRIPTION, REVISE (RE) PREREQUISITE(S)

#### SCM 460 Global Strategies for Supply Chain Management

Capstone course with emphasis on strategic supply chain management from a global perspective. The course combines all supply chain concepts, frameworks, processes, and tools learned in previous supply chain management course work into one integrated framework. Demand-supply integration is a focus. Development of a comprehensive supply chain strategy is covered extensively, with an emphasis on using customer expectations as the foundation.

*Prerequisites: Two courses from SCM 411, SCM 412, SCM 413, SCM 414, SCM 421, SCM 422, SCM 430 with a grade of C or better.*

*Formerly: Capstone course with emphasis on strategic supply chain management from a global perspective. Integrates supply chain concepts, framework, processes and tools learned in previous supply chain management course work.*

*(RE) Prerequisite(s): Two courses from 411, 412, 413, 414, 421, 422 with grade of C or better.*

*Rationale: This change better matches the content of this course and corrects the prerequisite. Impact on other units: None. Financial impact: None.*

## PROGRAM CHANGES

### INTERDEPARTMENTAL

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Business Administration Exploratory Major

Term 2		
ENGL 102*	3	2.5 cumulative GPA

<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
BUAD 200	1	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects removal of calculus prerequisite for STAT 201 and 207. Also reflects replacement of BUAD 242 with INMT 242. Impact on other units: None. Financial impact: Adds one hour of differential tuition.*

Low-  
impact:  
Revise  
program

## REVISE PROGRAM

### Social Entrepreneurship Minor

Complete 6-9 Hours from the following list of content courses:

#### Haslam College of Business

- ~~ENT 462 – Innovation and Creativity~~

Complete 3-6 hours from the following list of experiential courses:

#### College of Architecture and Design

- ~~ARCH 370 – Research and Design / ARCH 371S – Design as Applied Research – Collaborative Engagement~~

*Rationale: New course option (ENT 462) that would work well with this minor. The College of Architecture and Design is making changes to their course offerings, which necessitates a change to this minor. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Business Administration - Accounting Major - Collateral Option**

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>7</sup> ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>7</sup> ECON 213* or ECON 218*	3	
<sup>7</sup> STAT 201* or STAT 207*	3	
ACCT 204	3	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
ACCT 311	3	<del>INMT 242 BUAD 242</del>
<sup>7</sup> BUAD 331, <sup>7</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341	3	
<sup>8</sup> BUAD 300	1	
<b>Term 6</b>		
ACCT 414	3	2.5 cumulative GPA
Collateral	3	ACCT 311
<sup>9</sup> FINC 301 or <del>FINC 306</del>	3	
<sup>5</sup> Unrestricted Elective	2	
ACCT 431	3	
<b>Term 8</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
Collateral	3	
<sup>8</sup> BUAD 405	1	
<sup>5,6</sup> Unrestricted Electives	<del>7 8</del>	
<b>TOTAL</b>	<b>120</b>	

**Accounting Collateral Options**

INFORMATION MANAGEMENT – INMT 342, ~~and two of the following: INMT 442, INMT 443, INMT 441, INMT 499.~~

~~SUPPLY CHAIN MANAGEMENT – SCM 311, SCM 312, and one of SCM 411, SCM 412, SCM 413, SCM 421, or SCM 422.~~

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>9</sup> ~~Students pursuing a collateral in Finance must choose FINC 306.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Reflects new course options in Information Management. The Finance department is proposing a new course, FINC 306, to be taken instead of FINC 301 by students majoring in Finance, or students doing a collateral in Finance. FINC 306 will take a deeper dive than FINC 301 into the actual financial decision-making process, and as such, it will be a bit more analytical and quantitative than the existing Finance 301. The faculty in the Finance Department feel this change will better prepare Finance majors and Finance collaterals for upper-level finance courses. Impact on other units: None. Financial impact: None. This change will simply shift some of the students currently taking FINC 301 into FINC 306. No net gain in students is expected.*

*Rationale: Consistent with College request to review collaterals with low enrollments, this is also consistent with input from the AIM Advisory Board regarding which collaterals to offer. Impact on other units: No accounting majors will take supply chain collateral, potentially slightly decreasing enrollment in SCM courses and increasing enrollment in courses in other collaterals. Financial Impact: None.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Accounting Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3</del> 2	

ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
ACCT 204	3	
BUAD 200	1	
<b>Term 5</b>		
ACCT 311	3	INMT 242 BUAD-242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341	3	
BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Accounting Major – International Business Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>5</sup> ACCT 203 or ACCT 207	3	MATH 125* or MATH 141*
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 BUAD-242	3 2	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
ACCT 204	3	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
ACCT 311	3	INMT 242 BUAD-242
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341	3	

<sup>8</sup> BUAD 300	1	
<b>Term 8</b>		
<sup>7</sup> International Business coursework	6	No milestones
<sup>8</sup> BUAD 405	1	
<sup>6</sup> Unrestricted Electives	<del>7</del> 8	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF BUSINESS ANALYTICS AND STATISTICS

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration - Business Analytics Major - Collateral Option

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>8</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
ECON 211* or ECON 217*	3	
<sup>3</sup> Arts and Humanities Elective*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3</del> 2	
<sup>8</sup> ECON 213* or ECON 218*	3	
<sup>8</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	3	
<sup>9</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>8</sup> BUAD 331, <sup>8</sup> BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
<sup>8,10</sup> FINC 301 or <del>FINC 306</del>	3	
BAS 320	3	
<sup>9</sup> BUAD 300	1	
<b>Term 6</b>		

<sup>6,7</sup> Business Analytics Electives	<del>3</del> 6	2.5 cumulative GPA
Collateral	3	BAS 320
INMT 342	3	
<sup>5</sup> Unrestricted Electives	5	
<b>Term 7</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
BULW 301	2	
BAS 474	3	
<sup>5</sup> Unrestricted Elective	2	
<sup>8</sup> BUAD 453	4	
<b>Term 8</b>		
<sup>6,7</sup> Business Analytics Elective	3	No milestones
Collateral	<del>6</del> 3	
BAS 479	3	
<sup>5</sup> Unrestricted Elective	3	
<sup>9</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

**Business Analytics Collateral Options**

ECONOMICS – ECON 311, ECON 381 and one 400-level ECON course.

FINANCE – FINC 420, FINC 425, FINC 450, ~~FINC 425; and one of FINC 435, FINC 445, FINC 450, FINC 463, FINC 475, FINC 481.~~

INFORMATION MANAGEMENT – ~~Two of:~~ INMT 341 and any two 400-level INMT courses; ~~INMT 442, INMT 443.~~

INTERNATIONAL BUSINESS -- Nine hours from IB 407, IB 409, IB 429, IB 439, IB 449, IB 492; BUAD 400 or MGT 472; and IB 489.

MARKETING – MARK 350 and two of MARK 462, MARK 464, MARK 465, MARK 466, MARK 469, MARK 470, MARK 471, ~~MARK 360.~~

SUPPLY CHAIN MANAGEMENT – SCM 309 and two from SCM 413, SCM 414, SCM 421. ~~SCM 311, SCM 312.~~

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>5</sup> Any courses not already required for the major. Students admitted to Smith Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.

<sup>6</sup> Select two courses from the following (only 1 can be at the 300 level): BAS 310 (not available to Supply Chain Management collaterals), BAS 340, BAS 370, BAS 471, BAS 454, BAS 475, BAS 476, BAS 494R (Melton Scholars only). ~~Select one course from BAS 310 (not available to Supply Chain Management collaterals), BAS 340, BAS 370; and two courses from BAS 471, BAS 454, BAS 475, BAS 476, BAS 494R (Melton Scholars only).~~

<sup>7</sup> Students admitted to Melton Scholars program will enroll in BAS 494R; select one course from BAS 310 (not available to Supply Chain Management collaterals), BAS 340, BAS 370; ~~and one course from~~ BAS 471, BAS 475, BAS 476.

<sup>8</sup> Students admitted to Smith Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, ECON 218\*, FINC 307, and STAT 207\*.

<sup>9</sup> Students admitted to Smith Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

<sup>10</sup> Students pursuing a collateral in Finance must choose FINC 306.



*Rationale: Reflects change in STAT 201 prerequisite, change from BUAD 242 to INMT 242. Reflects FINC 306 course requirement for Finance collaterals. The faculty of the Business Analytics and Statistics (BAS) Department recently were reminded of the 6 hours of study for the collateral for Business Analytics majors. After some debate, it was decided that two 3-hour courses was not enough additional study to be considered a "collateral". Additionally, the BAS Department wants to be more consistent with most of the rest of the Haslam College of Business regarding the number of hours for the major and for the collateral. This change necessitated revisions to the collateral options (in consultation with their home departments) and allowed for the creation of a collateral option in International Business. This also prompted revisions to the footnotes for Global Leadership Scholar (GLS) students who wish to pursue a Business Analytics major with an International Business collateral. Impact on other units: This proposed change has been made in consultation with representatives from the Economics, Finance, Accounting and Information Management, Marketing, and Supply Chain Management Departments. There could be a slight increase in demand for their courses because of this change, but they are willing to take on the increase in students in these various courses impacted by this change. With regard to the creation of the International Business collateral, if some Business Analytics majors that would have done the 12-hour concentration in International Business instead do a 9-hour collateral in International Business, the demand for these courses could actually go down. Financial impact: See impact on other units. Will increase demand on departments offering collaterals to BAS majors.*

*Rationale: To provide more flexibility and choice for BAS students earning MARK collaterals. This means adding newer courses (MARK 465 – Digital Marketing) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: Minimal, this simply creates options for students who earn MARK concentrations. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	MATH 125* or MATH 141*
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 BUAD-242	3 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	

<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	INMT 242 <del>BUAD-242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	
BAS 320	3	
BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – Information Management Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD-242</del>	<del>3</del> 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	INMT 242 <del>BUAD-242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
BUAD 300	1	
<b>Term 7</b>		

Low-  
impact:  
Revise  
program

BULW 301	2	No milestones
BAS 310 or BAS 340 or <del>BAS 370</del> or BAS 454 or BAS 471 or BAS 475 or BAS 476	3	
<del>Any 400-level INMT course INMT 443</del>	3	
BAS 474	3	
BUAD 453	4	
<b>Term 8</b>		
<del>Two 400-level INMT courses INMT 442</del>	<del>6</del> 3	No milestones
BAS 479	3	
<del>BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475 or BAS 476</del>	<del>3</del>	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. This curricular change is needed because of the move to a 9-hours collateral (from a 6-hour collateral) for Business Analytics majors. It is also needed to allow Business Analytics majors with a concentration in Information Management to take new INMT courses soon to be offered by the Accounting and Information Management Department. Impact on other units: This proposed change has been made in consultation with representative from the Accounting and Information Management Department. There could be a slight increase in demand for their courses because of this change, but they are willing to take on the increase in students in the courses impacted by this change. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – International Business Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202

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INMT 242 <del>BUAD 242</del>	3 2	
ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	2 3	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	INMT 242 <del>BUAD 242</del>
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
BAS 320	3	
<sup>8</sup> BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Impact on other units: None. Financial impact: None.*

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## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration - Business Analytics Major - Marketing Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 <del>BUAD 242</del>	3 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	INMT 242 <del>BUAD 242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	

BAS 320	3	
BUAD 300	1	
<b>Term 6</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
MARK 350, <del>MARK 360</del>	<del>3</del> 6	BUAD 331, BUAD 332
<del>BULW 301</del>	<del>2</del>	
INMT 342	3	BAS 320
<sup>5</sup> Unrestricted Elective	3	
<b>Term 7</b>		
<del>BULW 301</del>	<del>2</del>	<del>No milestones</del>
Two of MARK 462 or MARK 464 or <del>MARK 465</del> or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	<del>6</del> 3	<del>No milestones</del>
BAS 474	3	
<sup>5</sup> Unrestricted Elective	2	
BUAD 453	4	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Reflects change in Marketing courses previously approved by college. Impact on other units: None. Financial impact: None.*

*Rationale: To provide more flexibility and choice for BAS students earning MARK concentrations. This means adding newer courses (MARK 465 – Digital Marketing, MARK 470 – Advanced Topics in Sales) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: Minimal, this simply creates options for students who earn MARK concentrations. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – Supply Chain Management Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<del>4</del> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH

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		123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	
BAS 320	3	
BUAD 300	1	
<b>Term 6</b>		
<del>SCM 309 SCM 311, SCM 312</del>	<del>3 6</del>	2.5 cumulative GPA
BAS 340 or BAS 454 or BAS 471 or BAS 475 or BAS 476	3	BAS 320
INMT 342	3	
<sup>5</sup> Unrestricted Elective	3	
<del>BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*</del>	<del>3</del>	
<b>Term 7</b>		
<del>BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*</del>	<del>3</del>	No milestones
<del>BULW 301</del>	<del>2</del>	
BAS 474	3	
<sup>5</sup> Unrestricted Elective	2	
BUAD 453	4	
<del>Two of SCM 413, 414, and 421</del>	<del>6</del>	
<b>Term 8</b>		
<del>SCM 460 Two of SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422</del>	<del>3 6</del>	No milestones
<del>BULW 301</del>	<del>2</del>	
BAS 479	3	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Reflects consolidation of SCM 311 and 312 into SCM 309. Other SCM changes reflect department's belief that an SCM concentration should have as much of the basic SCM industry contents of source, make, and deliver content as possible. Furthermore, if a student is serious enough about an SCM concentration, they should complete SCM 460, which ties everything together in a capstone course. Impact on other units: Change has been made in coordination with SCM department. Financial impact: None. It is not anticipated that more Business Analytics majors will choose this concentration based on this change.*

## DEPARTMENT OF ECONOMICS

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## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Economics Major – Collateral Option

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
ECON 311	3	
<sup>6</sup> Economics Elective (300-level)	3	
BUAD 300	1	
Term 6		
Collateral	3	2.5 cumulative GPA
ECON 313	3	BUAD 331, BUAD 332
<sup>7</sup> FINC 301 or FINC 306	3	ECON 311
<sup>5</sup> Unrestricted Electives	5	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>7</sup> Students pursuing a collateral in Finance must choose FINC 306.



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*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Reflects requirement that FINC collaterals take FINC 306 instead of FINC 301. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Economics Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
ECON 311	3	
FINC 301	3	
<sup>5</sup> Unrestricted Elective	1	
BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Economics Major – International Business Concentration

Term 2		
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<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
ECON 311	3	
<sup>5</sup> FINC 301	3	
<sup>6</sup> Unrestricted Elective	1	
<sup>8</sup> BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Economics Major – Traditional Option

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	

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ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242</del> BUAD-242	<del>3</del> 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	<del>INMT 242</del> BUAD-242
BUAD 341, BUAD 342	4	
ECON 311	3	
Economics Elective (300-level)	3	
BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF FINANCE

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impact:  
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program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Finance Major – Business Analytics Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		

<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 BUAD-242	3 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2 3	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
FINC 420 or FINC 428	3	INMT 242 BUAD-242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 306 or FINC 307 <del>FINC 301</del>	3	
BUAD 300	1	
<b>Term 6</b>		
FINC 425 or FINC 427	3	2.5 cumulative GPA
BAS 320	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	5	FINC 306 or FINC 307 <del>FINC 301</del>
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
<b>Term 7</b>		
<sup>7</sup> BAS Elective	3	FINC 420 or FINC 428, FINC 425 or FINC 427
BULW 301	2	
FINC 455 or FINC 457	3	
BAS 474	3	
BUAD 453	4	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>6</sup> Finance electives chosen from FINC 402, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 481, FINC 493, ~~FINC 494~~, FINC 495; IB 449.

<sup>7</sup> Select courses from BAS 310, BAS 340, BAS 454, BAS 471, BAS 475, ~~BAS 476~~, or INMT 342.

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. FINC 306 will take a deeper dive than FINC 301 into the actual financial decision-making process, and as such, it will be a bit more analytical and quantitative than the existing Finance 301. The faculty in the Finance Department feel this change will better prepare Finance majors and Finance collaterals for upper-level finance courses. Change to BAS electives reflects current offerings by BAS. Impact on other units: None. Changes have been made in consultation with BAS department. Financial impact: None; change will simply shift some of the students currently taking FINC 301 into FINC 306. No net gain in students is expected.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Finance Major – Collateral Option

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<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>7</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>7</sup> ECON 213* or ECON 218*	3	
<sup>7</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
FINC 420 or <del>FINC 428</del>	3	<del>INMT 242 BUAD 242</del>
<sup>7</sup> BUAD 331, <sup>7</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<del><sup>7</sup>FINC 306 FINC 304</del>	3	
<sup>8</sup> BUAD 300	1	
<b>Term 7</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	FINC 420 or <del>FINC 428</del> , FINC 425 or FINC 427
BULW 301	2	
Collateral	3	
FINC 455 or FINC 457	3	
<sup>7</sup> BUAD 453	4	

**Finance Collateral Options**

BUSINESS ANALYTICS – BAS 320, BAS 474; and ~~one of either~~ BAS 310, ~~or~~ BAS 340, ~~BAS 471, BAS 475, or BAS 476.~~

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ~~or~~ ENT 460, ~~ENT 462, ENT 470, or ENT 485.~~

INFORMATION MANAGEMENT – INMT 341, INMT 342, and ~~one of either~~ INMT 442, ~~or~~ INMT 443, ~~INMT 441, or INMT 499.~~

MARKETING – MARK 350, ~~MARK 360~~, and ~~two one~~ of ~~MARK 360~~, MARK 462, MARK 464, MARK 465, MARK 466, ~~MARK 468, or~~ MARK 469, MARK 470, or MARK 471.

SALES – MARK 350, MARK 469, and either MARK 470 or MARK 471.

SUPPLY CHAIN MANAGEMENT – ~~SCM 311, SCM 312~~SCM 309, select ~~two one~~ of ~~SCM 411, SCM 412,~~ SCM 413, ~~SCM 414,~~ or SCM 421.

- <sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

- <sup>6</sup> Finance electives chosen from FINC 402, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 481, FINC 493, **FINC 494**, FINC 495; IB 449.

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. FINC 306 will take a deeper dive than FINC 301 into the actual financial decision-making process, and as such, it will be a bit more analytical and quantitative than the existing Finance 301. The faculty in the Finance Department feel this change will better prepare Finance majors and Finance collaterals for upper-level finance courses. Collateral changes reflect changes in BAS, ENT, Information Management, and SCM courses, as well as revision of Marketing collateral and addition of Sales collateral previously approved by college. Change to BAS electives reflects current offerings by BAS. Impact on other units: None. Changes have been made in consultation with affected departments. Financial impact: None; change will simply shift some of the students currently taking FINC 301 into FINC 306. No net gain in students is expected.*

*Rationale: Employers' increasing demand for students with sales capability; increased resources generated by the Professional Sales Forum. To provide more flexibility and choice for students earning MARK collaterals. This means adding newer courses (MARK 465 – Digital Marketing, MARK 470 – Advanced Topics in Sales) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates options for students who earn MARK collaterals. Financial Impact: Students with marketing collaterals may focus their elective choices to specific electives unless the sales collateral becomes popular and demand increases. In that case it may require an increased number of instructors (likely adjunct) to teach additional sections. Additional instructors would be compensated through the HCB additional tuition charges. While the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Finance Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT

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		203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
<b>Term 5</b>		
FINC 420 or <del>FINC 428</del>	3	<del>INMT 242 BUAD 242</del>
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
<del>FINC 306 FINC 301</del>	3	
BUAD 300	1	
<b>Term 7</b>		
BULW 301	2	FINC 420 or <del>FINC 428</del> , FINC 425, or FINC 427
FINC 455 or FINC 457	3	
EF 437	3	
<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>6</sup> Finance electives chosen from FINC 402, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 481, FINC 493, ~~FINC 494~~, FINC 495; IB 449.

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. FINC 306 will take a deeper dive than FINC 301 into the actual financial decision-making process, and as such, it will be a bit more analytical and quantitative than the existing Finance 301. The faculty in the Finance Department feel this change will better prepare Finance majors and Finance collaterals for upper-level finance courses. Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Finance Major – International Business Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH

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		142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>9</sup> BUAD 200	1	
<b>Term 5</b>		
FINC 420 or <del>FINC 428</del>	3	<del>INMT 242 BUAD 242</del>
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>5</sup> <del>FINC 306</del> <del>FINC 301</del>	3	
<sup>9</sup> BUAD 300	1	
<b>Term 7</b>		
BULW 301	2	FINC 420 or <del>FINC 428</del> , FINC 425 or FINC 427
FINC 455 or FINC 457	3	
<sup>8</sup> International Business coursework	3	
<sup>6</sup> Unrestricted Elective	3	
<sup>5</sup> BUAD 453	4	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>7</sup> Finance electives chosen from FINC 402, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 481, FINC 493, ~~FINC 494~~, FINC 495; IB 449.

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. FINC 306 will take a deeper dive than FINC 301 into the actual financial decision-making process, and as such, it will be a bit more analytical and quantitative than the existing Finance 301. The faculty in the Finance Department feel this change will better prepare Finance majors and Finance collaterals for upper-level finance courses. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF MANAGEMENT AND ENTREPRENEURSHIP

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### REVISE REQUIREMENTS

#### Entrepreneurship Minor Minor Requirements

##### Complete 9 hours of the following:

- ~~ADVT 310 – Advertising Design~~
- ~~EF 437 – Interdisciplinary Senior Design I~~
- ~~EF 438 – Interdisciplinary Senior Design II~~
- ~~ENT 462 – Innovation and Creativity~~

*Rationale: The Management/Entrepreneurship Faculty agree that these courses would be worthy additions to the list of courses available to those who elect to earn the Entrepreneurship Minor Degree. Impact on other units: There is the potential of an increase in demand for these courses. Financial impact: None.*

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## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – Collateral Option

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
<sup>7</sup> BUAD 200	1	
Term 5		
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
<sup>6</sup> FINC 301	3	
MGT 331	3	
<sup>7</sup> BUAD 300	1	

#### Human Resource Management Collateral Options

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ENT 460, ~~ENT 462~~, ENT 470, ENT 485, ENT 492, or ENT 499.

INFORMATION MANAGEMENT – INMT 341, INMT 342, and ~~one of either~~ INMT 442, ~~or~~ INMT 443, ~~INMT 441, or INMT 499~~.

MARKETING – MARK 350, ~~MARK 360~~, and ~~two one~~ of ~~MARK 360~~, MARK 462, MARK 464, ~~MARK 465~~, MARK 466, ~~MARK 468, or~~ MARK 469, ~~MARK 470, or MARK 471~~.

~~SALES – MARK 350, MARK 469 and either MARK 470 or MARK 471.~~

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Reflects new INMT course options. Reflects changes in Marketing collateral and addition of*

*Sales collateral previously approved by college. Impact on other units: none. Financial impact: None.*

*Rationale: Employers' increasing demand for students with sales capability; increased resources generated by the Professional Sales Forum. To provide more flexibility and choice for students earning MARK collaterals. This means adding newer courses (MARK 465 – Digital Marketing, MARK 470 – Advanced Topics in Sales) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates options for students who earn MARK collaterals. Financial Impact: Students with marketing collaterals may focus their elective choices to specific electives unless the sales collateral becomes popular and demand increases. In that case it may require an increased number of instructors (likely adjunct) to teach additional sections. Additional instructors would be compensated through the HCB additional tuition charges. While the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

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## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	MATH 125* or MATH 141*
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 BUAD-242	3 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2 3	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	INMT 242 BUAD-242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which

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program

~~is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – International Business Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
<sup>8</sup> BUAD 300	1	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

## REVISE TEXT, REVISE REQUIREMENTS

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(note: due to the extent of these revisions, this program will be broken into three pages—one for each track—as shown below these common revisions)

### Management Major, BS in Business Administration – Collateral Option

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources. ~~A manager's where the~~ ultimate objective is to ~~ensure that the help~~ ~~his or her~~ organization achieves and sustains a competitive advantage. ~~The Management Major~~ can be earned through three different tracks of study with distinct career outcomes. The Leadership and Organizational Effectiveness (LOE) track prepares students to create value within existing organizations by managing business opportunities that foster new revenue growth. Leadership and Organizational Effectiveness career outcomes include corporate management trainee programs, project-based work, consulting, and general management. The Entrepreneurship and Emerging Enterprises (EEE) track gives students the content and skills for creating and managing new, early-stage, and high-growth organizations. This track prepares students for opportunities in start-ups and growth businesses, and family-owned firms – including for-profit and not-for-profit organizations. The Workforce Analytics (WA) track combines data analytics and evidence-based practice to help managers effectively leverage the workforce. Career options in this track include business analyst, workforce analyst, workforce consultant, survey analyst, and assessment analyst. ~~Careers in management have diverse starting points and trajectories. Management majors can be found working throughout the world in many different industries such as manufacturing, financial services, transportation, entertainment, health care, and many more. Some Management graduates start their own businesses while others spend their careers in governmental and non-profit organizations. One~~ A common thread throughout the Management Major is the development of important professional skills including: data-driven decision making, ~~is that people who work as managers depend heavily on their~~ problem-solving, critical thinking, leadership, and communication skills. ~~The Management curriculum also prepares students for post-graduate work in business, law, health care, and other fields.~~ All students in ~~each track the program~~ are strongly encouraged to complete ~~an at least one 3-hour~~ internship.

### Requirements for the Bachelor of Science in Business Administration – Management Major – Collateral Option

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD-242</del>	<del>3 2</del>	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	

<sup>5</sup> Unrestricted Elective	2 3	
<sup>7</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	INMT 242 BUAD-242
BUAD 341, BUAD 342	4	
<sup>6,9</sup> FINC 301 or FINC 306	3	
MGT 331	3	
<sup>7</sup> BUAD 300	1	
<b>Term 6</b>		
Collateral	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	2	
MGT 462 HRM 360	3	
Track Elective MGT 492	3	
<b>Term 8</b>		
Collateral	3	No milestones
Track Electives MGT 462, MGT 463	6	
<sup>5</sup> Unrestricted Electives	5	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

Choose one track plus one corresponding collateral.

### Tracks

LEADERSHIP AND ORGANIZATIONAL EFFECTIVENESS (LOE) – MGT 463, ENT 460, and one of MGT 490, MGT 492N, MGT 499 plus one of the following collaterals:

- Economics
- Entrepreneurship
- Finance
- Information Management
- International Business
- Marketing
- Sales
- Supply Chain Management

<sup>8</sup>ENTREPRENEURSHIP AND EMERGING ENTERPRISES (EEE) – ENT 350 and 2 of ENT 410, ENT 410S, ENT 415, ENT 425, ENT 451, ENT 460, ENT 462, ENT 470, ENT 485, ENT 492N, ENT 499 plus one of the following collaterals:

- Economics
- Finance
- Information Management
- International Business
- Marketing
- Sales
- Supply Chain Management

WORKFORCE ANALYTICS (WA) – HRM 360, MGT 465<sup>8</sup> and one of HRM 481, HRM 485 plus the following collateral:

- Business Analytics

### Management Collateral Options

BUSINESS ANALYTICS - BAS 320, BAS 474, and one of BAS 340, BAS 454, BAS 471, BAS 475, or INMT 342.

ECONOMICS – ECON 311, ECON 381, and one of ECON 421, ECON 435, ECON 471, ECON 472.

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ENT 460, ENT 462, ENT 470, ENT 485, ENT 492, or ENT 499.

FINANCE - FINC 420, FINC 450, and one of FINC 435 or FINC 425.  
~~HUMAN RESOURCE MANAGEMENT—HRM 481, HRM 482, HRM 485.~~  
 INFORMATION MANAGEMENT – INMT 341, INMT 342, and ~~one of either~~ INMT 442, ~~or~~ INMT 443, INMT 441, or INMT 499.  
 INTERNATIONAL BUSINESS – Nine hours from IB 407, IB 409, IB 429, IB 439, IB 449, IB 492; BUAD 400 or MGT 472; and IB 489.  
 MARKETING – MARK 350, ~~and two of~~ MARK 360, ~~and one of~~ MARK 462, MARK 464, MARK 465, MARK 466, ~~MARK 468, or~~ MARK 469, MARK 470, or MARK 471.  
 SALES – MARK 350, MARK 469 and either MARK 470 or MARK 471.  
 SUPPLY CHAIN MANAGEMENT- SCM 309, and two of SCM 413, SCM 414, SCM 421.

- <sup>1</sup> Must be completed by the end of the First Year.
  - <sup>2</sup> Students who complete ENGL 118\* with a grade of A or B will complete their English composition requirement by choosing ENGL 102\*, a sophomore-level course in the English department, or ENGL 355\*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
  - <sup>3</sup> Chosen from the University General Education list.
  - <sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~
  - <sup>5</sup> Any courses not already required for the major. Students admitted to Smith Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.
  - <sup>6</sup> Students admitted to Smith Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, ECON 218\*, FINC 307, and STAT 207\*.
  - <sup>7</sup> Students admitted to Smith Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.
  - <sup>8</sup> ~~Students pursuing the Entrepreneurship and Emerging Enterprises track cannot pursue the Entrepreneurship minor.~~
  - <sup>9</sup> ~~Students pursuing a collateral in Finance must choose FINC 306.~~
- \* Meets University General Education Requirement.

## PAGE 1

### Management Major, BS in Business Administration – Collateral Option/Leadership and Organizational Effectiveness Track

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources where the ultimate objective is to ensure that the organization achieves and sustains a competitive advantage. The Management Major can be earned through three different tracks of study with distinct career outcomes. Leadership and Organizational Effectiveness (LOE) track prepares students to create value within existing organizations by managing business opportunities that foster new revenue growth. The Leadership and Organizational Effectiveness career outcomes include corporate management trainee programs, project-based work, consulting, and general management. The Entrepreneurship and Emerging Enterprises (EEE) track gives students the content and skills for creating and managing new, early-stage, and high-growth organizations. This track prepares students for opportunities in start-ups and growth businesses, and family-owned firms – including for-profit and not-for-profit organizations. The Workforce Analytics (WA) track combines data analytics and evidence-based practice to help managers effectively leverage the workforce. Career options in this track include business analyst, workforce analyst, workforce consultant, survey analyst, and assessment analyst. A common thread throughout the Management Major is the development of



important professional skills including: data-driven decision making, problem-solving, critical thinking, leadership, and communication. All students in each track are strongly encouraged to complete an internship.

#### uTrack Requirements

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

#### Requirements for the Bachelor of Science in Business Administration – Management Major – Collateral Option/Leadership and Organizational Effectiveness Track

Term 1	Hours	Milestone Notes
<sup>1,2</sup> ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 123*, MATH 141*, or MATH 147*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	2.5 cumulative GPA
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242	3	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2	
<sup>7</sup> BUAD 200	1	
Term 5		
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	INMT 242
BUAD 341, BUAD 342	4	
<sup>6,9</sup> FINC 301 or FINC 306	3	
MGT 331	3	
<sup>7</sup> BUAD 300	1	

<b>Term 6</b>		
Collateral	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	2	
MGT 462	3	
<sup>8</sup> Track Elective	3	
<b>Term 7</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
BULW 301	2	
Collateral	3	
<sup>5</sup> Unrestricted Elective	3	
<sup>6</sup> BUAD 453	4	
<b>Term 8</b>		
Collateral	3	No milestones
<sup>8</sup> Track Electives	6	
<sup>5</sup> Unrestricted Electives	5	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>1</sup> Must be completed by the end of the First Year.

<sup>2</sup> Students who complete ENGL 118\* with a grade of A or B will complete their English composition requirement by choosing ENGL 102\*, a sophomore-level course in the English department, or ENGL 355\*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.

<sup>3</sup> Chosen from the University General Education list.

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141.

<sup>5</sup> Any courses not already required for the major. Students admitted to Smith Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.

<sup>6</sup> Students admitted to Smith Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, ECON 218\*, FINC 307, and STAT 207\*.

<sup>7</sup> Students admitted to Smith Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

<sup>8</sup> The requirements for the Leadership and Organizational Effectiveness (LOE) Track are MGT 463, ENT 460, and one of MGT 490, MGT 492N, MGT 499.

<sup>9</sup> Students pursuing a collateral in Finance must choose FINC 306.

\* Meets University General Education Requirement.

#### **Collateral Options for the Leadership and Organizational Effectiveness (LOE) Track:**

ECONOMICS – ECON 311, ECON 381, and one of ECON 421, ECON 435, ECON 471, ECON 472.

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ENT 460, ENT 462, ENT 470, ENT 485, ENT 492, or ENT 499.

FINANCE - FINC 420, FINC 450, and one of FINC 435 or FINC 425.

INFORMATION MANAGEMENT – INMT 341, INMT 342, and one of either INMT 442, or INMT 443, INMT 441, or INMT 499.

INTERNATIONAL BUSINESS – Nine hours from IB 407, IB 409, IB 429, IB 439, IB 449, IB 492; BUAD 400 or MGT 472; and IB 489.

MARKETING – MARK 350, and two of MARK 360, MARK 462, MARK 464, MARK 465, MARK 466, MARK 469, MARK 470, or MARK 471.

SALES – MARK 350, MARK 469 and either MARK 470 or MARK 471.

SUPPLY CHAIN MANAGEMENT- SCM 309, and two of SCM 413, SCM 414, SCM 421.

**PAGE 2****Management Major, BS in Business Administration – Collateral Option/Entrepreneurship and Emerging Enterprises Track**

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources where the ultimate objective is to ensure that the organization achieves and sustains a competitive advantage. The Management Major can be earned through three different tracks of study with distinct career outcomes. The Leadership and Organizational Effectiveness (LOE) track prepares students to create value within existing organizations by managing business opportunities that foster new revenue growth. Leadership and Organizational Effectiveness career outcomes include corporate management trainee programs, project-based work, consulting, and general management. The Entrepreneurship and Emerging Enterprises (EEE) track gives students the content and skills for creating and managing new, early-stage, and high-growth organizations. This track prepares students for opportunities in start-ups and growth businesses, and family-owned firms – including for-profit and not-for-profit organizations. The Workforce Analytics (WA) track combines data analytics and evidence-based practice to help managers effectively leverage the workforce. Career options in this track include business analyst, workforce analyst, workforce consultant, survey analyst, and assessment analyst. A common thread throughout the Management Major is the development of important professional skills including: data-driven decision making, problem-solving, critical thinking, leadership, and communication. All students in each track are strongly encouraged to complete an internship.

**uTrack Requirements**

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

**Requirements for the Bachelor of Science in Business Administration – Management Major – Collateral Option/Entrepreneurship and Emerging Enterprises Track**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
<sup>1,2</sup> ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 123*, MATH 141*, or MATH 147*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	2.5 cumulative GPA
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	

ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242	3	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2	
<sup>7</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	INMT 242
BUAD 341, BUAD 342	4	
<sup>6,9</sup> FINC 301 or FINC 306	3	
MGT 331	3	
<sup>7</sup> BUAD 300	1	
<b>Term 6</b>		
Collateral	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	2	
MGT 462	3	
<sup>8</sup> Track Elective	3	
<b>Term 7</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
BULW 301	2	
Collateral	3	
<sup>5</sup> Unrestricted Elective	3	
<sup>6</sup> BUAD 453	4	
<b>Term 8</b>		
Collateral	3	No milestones
<sup>8</sup> Track Electives	6	
<sup>5</sup> Unrestricted Electives	5	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>1</sup> Must be completed by the end of the First Year.

<sup>2</sup> Students who complete ENGL 118\* with a grade of A or B will complete their English composition requirement by choosing ENGL 102\*, a sophomore-level course in the English department, or ENGL 355\*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.

<sup>3</sup> Chosen from the University General Education list.

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141.

<sup>5</sup> Any courses not already required for the major. Students admitted to Smith Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.

<sup>6</sup> Students admitted to Smith Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, ECON 218\*, FINC 307, and STAT 207\*.

- <sup>7</sup> Students admitted to Smith Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.
- <sup>8</sup> The requirements for the Entrepreneurship and Emerging Enterprises (EEE) Track are ENT 350 and 2 of ENT 410, ENT 410S, ENT 415, ENT 425, ENT 451, ENT 460, ENT 462, ENT 470, ENT 485, ENT 492N, ENT 499.
- <sup>9</sup> Students pursuing a collateral in Finance must choose FINC 306.
- \* Meets University General Education Requirement.

Note: Students pursuing the Entrepreneurship and Emerging Enterprises track cannot pursue the Entrepreneurship minor.

**Collateral Options for the Entrepreneurship and Emerging Enterprises (EEE) Track:**

ECONOMICS – ECON 311, ECON 381, and one of ECON 421, ECON 435, ECON 471, ECON 472.

FINANCE - FINC 420, FINC 450, and one of FINC 435 or FINC 425.

INFORMATION MANAGEMENT – INMT 341, INMT 342, and one of either INMT 442, or INMT 443, INMT 441, or INMT 499.

INTERNATIONAL BUSINESS – Nine hours from IB 407, IB 409, IB 429, IB 439, IB 449, IB 492; BUAD 400 or MGT 472; and IB 489.

MARKETING – MARK 350, and two of MARK 360, MARK 462, MARK 464, MARK 465, MARK 466, MARK 469, MARK 470, or MARK 471.

SALES – MARK 350, MARK 469 and either MARK 470 or MARK 471.

SUPPLY CHAIN MANAGEMENT- SCM 309, and two of SCM 413, SCM 414, SCM 421.

**PAGE 3**

**Management Major, BS in Business Administration – Collateral Option/Workforce Analytics Track**

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources where the ultimate objective is to ensure that the organization achieves and sustains a competitive advantage. The Management Major can be earned through three different tracks of study with distinct career outcomes. The Leadership and Organizational Effectiveness (LOE) track prepares students to create value within existing organizations by managing business opportunities that foster new revenue growth. Leadership and Organizational Effectiveness career outcomes include corporate management trainee programs, project-based work, consulting, and general management. The Entrepreneurship and Emerging Enterprises (EEE) track gives students the content and skills for creating and managing new, early-stage, and high-growth organizations. This track prepares students for opportunities in start-ups and growth businesses, and family-owned firms – including for-profit and not-for-profit organizations. The Workforce Analytics (WA) track combines data analytics and evidence-based practice to help managers effectively leverage the workforce. Career options in this track include business analyst, workforce analyst, workforce consultant, survey analyst, and assessment analyst. A common thread throughout the Management Major is the development of important professional skills including: data-driven decision making, problem-solving, critical thinking, leadership, and communication. All students in each track are strongly encouraged to complete an internship.

**uTrack Requirements**

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only

affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

**Requirements for the Bachelor of Science in Business Administration – Management Major – Collateral Option/Workforce Analytics Track**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
<sup>1,2</sup> ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 123*, MATH 141*, or MATH 147*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	2.5 cumulative GPA
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242	3	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2	
<sup>7</sup> BUAD 200	1	
<b>Term 5</b>		
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	INMT 242
BUAD 341, BUAD 342	4	
<sup>6,9</sup> FINC 301 or FINC 306	3	
MGT 331	3	
<sup>7</sup> BUAD 300	1	
<b>Term 6</b>		
Collateral	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	2	
MGT 462	3	
<sup>8</sup> Track Elective	3	
<b>Term 7</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones

BULW 301	2	
Collateral	3	
<sup>5</sup> Unrestricted Elective	3	
<sup>6</sup> BUAD 453	4	
<b>Term 8</b>		
Collateral	3	No milestones
<sup>8</sup> Track Electives	6	
<sup>5</sup> Unrestricted Electives	5	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>1</sup> Must be completed by the end of the First Year.

<sup>2</sup> Students who complete ENGL 118\* with a grade of A or B will complete their English composition requirement by choosing ENGL 102\*, a sophomore-level course in the English department, or ENGL 355\*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.

<sup>3</sup> Chosen from the University General Education list.

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141.

<sup>5</sup> Any courses not already required for the major. Students admitted to Smith Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.

<sup>6</sup> Students admitted to Smith Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, ECON 218\*, FINC 307, and STAT 207\*.

<sup>7</sup> Students admitted to Smith Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

<sup>8</sup> The requirements for the Workforce Analytics (WA) Track are HRM 360, MGT 465<sup>8</sup> and one of HRM 481, HRM 485.

<sup>9</sup> Students pursuing a collateral in Finance must choose FINC 306.

\* Meets University General Education Requirement.

#### **Collateral Option for the Workforce Analytics (WA) Track:**

BUSINESS ANALYTICS - BAS 320, BAS 474, and one of BAS 340, BAS 454, BAS 471, BAS 475, or INMT 342.

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Recent research into student opinion revealed concerns about career paths and opportunities available to Haslam graduates with Management Degrees. Other programs within the college are able to point to defined or specific skills such as accounting or supply chain management, while traditional Management Majors head for multifunctional/rotational training programs in large corporations or perhaps starting their careers in consulting. Emerging interest has been observed in trends of Entrepreneurship, and medium sized and family owned businesses, in addition to the application of data analytics to the planning, management and retention of human resources in organizations at all levels. These trends reflect new opportunities for Management Majors to market their specific skills into these emerging career paths. The new structure for the Management Major preserves the core disciplines of organizational management and leadership while offering three options for students to graduate with marketable skills. The Leadership and Organizational Effectiveness Track continues the more traditional Management focus but adds the ability to graduate with a specialty in project management. The Entrepreneurship and Emerging Enterprises Track prepares students to start careers in startups, small and medium sized businesses including family owned businesses. The Workforce Analytics Track prepares students to create value for organizations by applying the power of data analytics to provide greater returns on human capital. Impact on other units: None. Financial impact: The new Management Degree structure reorganizes the current curriculum, utilizing existing courses taught by existing faculty with a single exception. That is the addition of one new course called*



*Workforce Analytics, which is developed and taught by existing faculty. The financial impact is expected to be minimal beyond the normal growth within the Haslam College of Business at large.*

*Rationale: Employers' increasing demand for students with sales capability; increased resources generated by the Professional Sales Forum. To provide more flexibility and choice for students earning MARK collaterals. This means adding newer courses (MARK 465 – Digital Marketing, MARK 470 – Advanced Topics in Sales) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates options for students who earn MARK collaterals. Financial Impact: Students with marketing collaterals may focus their elective choices to specific electives unless the sales collateral becomes popular and demand increases. In that case it may require an increased number of instructors (likely adjunct) to teach additional sections. Additional instructors would be compensated through the HCB additional tuition charges. While the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Management Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	
MGT 331	3	
BUAD 300	1	
Term 6		
HRM 360	3	2.5 cumulative GPA

MGT 336	3	BUAD 331, BUAD 332
<sup>5</sup> Unrestricted Electives	2	
EF 303	3	
MGT 492 or MGT 490 or MGT 499	3	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Furthermore, students will now have the choice between an internship and a Special Topics course. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Management Major – International Business Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
Term 5		
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	<del>INMT 242 BUAD 242</del>
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
MGT 331	3	
<sup>8</sup> BUAD 300	1	
Term 6		
HRM 360	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
<sup>6</sup> Unrestricted Electives	2	
<sup>7</sup> International Business coursework	3	

MGT 492 or MGT 490 or MGT 499	3	
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<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242. Furthermore, students will now have the option between an internship and a Special Topics course. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF MARKETING

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Business Analytics Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 7		
BULW 301	2	No milestones

MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	3	
<sup>6</sup> BAS Elective	3	
<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	
<b>Term 8</b>		
MARK 460	3	No milestones
<sup>6</sup> BAS Elective	3	
BAS 474	3	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	3	
<sup>5</sup> Unrestricted Electives	2	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>6</sup> Choose from: BAS 340, BAS 370, BAS 454, BAS 471, BAS 475, ~~BAS 476~~, BAS 479, or INMT 342.

*Rationale: Reflects change in STAT 201 prerequisite and replacing BUAD 242 with INMT 242. Reflects new BAS 476 course option. BAS department recommended adding this course to the list of Business Analytics electives for Marketing majors doing a concentration in Business Analytics. Our faculty concur that this is an appropriate course for such Marketing majors to select from. Reflects changes to Marketing curriculum previously approved by college. Impact on other units: BAS 476 change will likely add a very small number of Marketing majors to this course. BAS faculty are aware of this and are prepared to take on these additional students. Financial impact: None.*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates another elective option for students who earn MARK majors. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Collateral Option

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	

Low-  
impact:  
Revise  
program

<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242</del> BUAD-242	<del>3</del> 2	
ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
<sup>7</sup> BUAD 200	1	
<b>Term 5</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242</del> BUAD-242
<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>6</sup> FINC 301	3	
<sup>7</sup> BUAD 300	1	
<b>Term 7</b>		
BULW 301	2	MARK 350, MARK 360
Two of: MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or MARK 470 or MARK 471	6	
<sup>5</sup> Unrestricted Elective	3	
<sup>6</sup> BUAD 453	4	
<b>Term 8</b>		
Collateral	3	No milestones
MARK 460	3	
One of: MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or MARK 470 or MARK 471	3	
<sup>5</sup> Unrestricted Electives	5	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

**Marketing Collateral Options**

BUSINESS ANALYTICS – BAS 320, BAS 474, and one of: BAS 340, BAS 370S, BAS 454, BAS 471, BAS 475, ~~BAS 476~~, or INMT 342.

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 460, ~~ENT 462~~, ENT 492 or ENT 499.

INFORMATION MANAGEMENT – INMT 341, INMT 342, and ~~one of either~~ INMT 442, ~~or~~ INMT 443, ~~INMT 441~~, or INMT 499.

~~RESOURCE MANAGEMENT – ACCT 301; FINC 425; FINC 450.~~

SUPPLY CHAIN MANAGEMENT – ~~SCM 309~~ ~~SCM 311~~, ~~SCM 312~~, and ~~two one~~ of ~~SCM 411~~, ~~SCM 412~~, SCM 413, ~~SCM 414~~, SCM 421, ~~SCM 422~~.

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which~~

~~is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacing BUAD 242 with INMT 242. Reflects new BAS, ENT, INMT, and SCM course options. Reflects changes to Marketing major previously approved by college. Impact on other units: Changes have been made in consultation with other departments. Financial impact: None.*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). For resource management collateral change, student demand is minimal. Only one is currently registered. Impact on other units: one less student in upper level accounting and finance courses. Financial Impact: Essentially none, one less student in upper level accounting and finance courses.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Heath Integrated Business and Engineering Program

Term 2		
1,2ENGL 102*	3	2.5 cumulative GPA
3Intermediate Foreign Language*	3	
4MATH 125*, MATH 142* or MATH 148*	3-4	
3Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
3Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
3Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
5Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 7		
BULW 301	2	No milestones
EF 437	3	

MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	3	
<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	
<b>Term 8</b>		
MARK 460	3	No milestones
EF 438	3	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	3	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacing BUAD 242 with INMT 242. Reflects changes to Marketing curriculum previously approved by college. Impact on other units: None. Financial impact: None.*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates another elective option for students who earn MARK majors. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Information Management Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200* or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202



INMT 242 <del>BUAD 242</del>	3 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	INMT 242 <del>BUAD 242</del>
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
BUAD 300	1	
<b>Term 7</b>		
BULW 301	2	
INMT 442, <del>INMT 443, INMT 441, or INMT 499</del>	3	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468 or</del> MARK 469 or <del>MARK 470 or MARK 471</del>	3	
<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	
<b>Term 8</b>		
<del>INMT 442, INMT 443, INMT 441, or INMT 499</del>	3	No milestones
MARK 460	3	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468 or</del> MARK 469 or <del>MARK 470 or MARK 471</del>	3	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects new STAT 201 prerequisite and replacing of BUAD 242 with INMT 242.*

*Reflects new INMT course options. Reflects changes to Marketing curriculum previously approved by college. Impact on other units: None; change generated by INMT faculty. Financial impact: None. New courses will be covered by new tenure track faculty (who started in fall 2019) and an approved lecturer (search in progress, new faculty to begin in fall 2020).*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates another elective option for students who earn MARK majors. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – International Business Concentration

#### Term 2

Low-  
impact:  
Revise  
program

<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
<b>Term 5</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
<sup>8</sup> BUAD 300	1	
<b>Term 7</b>		
BULW 301	2	No milestones
<sup>7</sup> International Business coursework	3	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468 or</del> MARK 469 or <del>MARK 470 or MARK 471</del>	3	
<sup>6</sup> Unrestricted Elective	3	
<sup>5</sup> BUAD 453	4	
<b>Term 8</b>		
MARK 460	3	No milestones
<sup>7</sup> International Business coursework	6	
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468 or</del> MARK 469 or <del>MARK 470 or MARK 471</del>	3	
<sup>6</sup> Unrestricted Electives	2	
<sup>8</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or~~

~~MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. Reflects changes to Marketing curriculum previously approved by college. Impact on other units: None. Financial impact: None.*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates another elective option for students who earn MARK majors. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

Mid-  
impact:  
End  
program

## END PROGRAM

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Sales Concentration

*Rationale: For students to earn this concentration, they are required to take a total of 8 courses in Marketing for 24 credits. Instead of codifying the sales courses as a concentration, we want sales courses to be treated as any other elective. Impact on other units: none. Financial Impact: No net impact; this will not impact number of sections offered.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Marketing Major – Supply Chain Management Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		

BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	INMT 242 BUAD-242
BUAD 331, BUAD 332	4	BUAD 331, BUAD 332
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
<b>Term 6</b>		
MARK 350, MARK 360	6	2.5 cumulative GPA
SCM 309 <del>SCM 311, SCM 312</del>	<del>3</del> 6	
<sup>5</sup> Unrestricted Elective	<del>4</del> 2	
BULW 301	2	
<b>Term 7</b>		
Two of SCM 413, 414, 421 <del>BULW 301</del>	<del>6</del> 2	No milestones
MARK 462 or MARK 464 or MARK 465 or MARK 466 or <del>MARK 468</del> or MARK 469 or MARK 470 or MARK 471	3	
<sup>5</sup> Unrestricted Electives	<del>2</del> 6	
BUAD 453	4	
<b>Term 8</b>		
MARK 460	3	No milestones
SCM 460 <del>Two of: SCM 411, SCM 412, SCM 413, SCM 421, SCM 422</del>	<del>3</del> 6	
MARK 462 or MARK 464 or MARK 466 or <del>MARK 468</del> or MARK 469 or MARK 470 or MARK 471	3	
<sup>5</sup> Unrestricted Electives	<del>4</del> 2	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite of replacement of BUAD 242 with INMT 242. Reflects changes in Marketing curriculum previously approved by college. Reflects consolidation of SCM 311 and 312 into SCM 309. Other SCM changes reflect department's belief that an SCM concentration should have as much of the basic SCM industry contents of source, make, and deliver content as possible. Furthermore, if a student is serious enough about an SCM concentration, they should complete SCM 460, which ties everything together in a capstone course. Impact on other units: Change has been made in coordination with SCM department. Financial impact: None.*

*Rationale: To provide more flexibility and choice for students earning MARK majors. This means adding a newer course (MARK 470 – Advanced Topics in Sales) and changing one course to reflect a course number change (MARK 468 becomes MARK 471). Impact on other units: minimal, this simply creates another elective option for students who earn MARK majors. Financial Impact: No net impact; while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.*

## DEPARTMENT OF SUPPLY CHAIN MANAGEMENT

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Business Analytics Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242</del> BUAD-242	<del>3</del> 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242</del> BUAD-242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
<del>SCM 309</del> <del>SCM 311, SCM 312</del>	<del>3</del> 6	2.5 cumulative GPA
BAS 320	3	BAS 320
<sup>5</sup> Unrestricted Electives	<del>8</del> 5	
Term 7		
BULW 301	2	<del>SCM 311, SCM 312</del>
<del>SCM 413</del> Two of <del>SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	<del>3</del> 6	
<del>SCM 414</del>	<del>3</del>	
BAS 454 or BAS 471 or BAS 475 or INMT 342 or <del>BAS 476</del>	3	
BUAD 453	4	
Term 8		
BAS 340, BAS 474	6	No milestones

<sup>5</sup> Unrestricted Electives	<del>2</del> <sup>5</sup>	
SCM 421 <del>SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3	
SCM 460	<del>3</del>	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. ~~MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Impact on other units: None. Financial impact: Any freed resources from consolidation of 311 and 312 into 309 will be offset by increased demand in the 400-level electives.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Collateral Option

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>6</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3</del> <sup>2</sup>	
<sup>6</sup> ECON 213* or ECON 218*	3	
<sup>6</sup> STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> <sup>3</sup>	
<sup>7</sup> BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>

<sup>6</sup> BUAD 331, <sup>6</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>6, 8</sup> FINC 301 or FINC 306	3	
<sup>7</sup> BUAD 300	1	
<b>Term 6</b>		
Collateral	6	2.5 cumulative GPA
<del>SCM 309</del> <del>SCM 311, SCM 312</del>	<del>3 6</del>	<del>SCM 309</del> <del>SCM 311, SCM 312</del>
<sup>5</sup> Unrestricted Elective	<del>5 2</del>	
<b>Term 7</b>		
BULW 301	2	No milestones
<del>SCM 413</del> <del>SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del> (select two)	<del>3 6</del>	
<del>SCM 414</del>	<del>3</del>	
<sup>5</sup> Unrestricted Elective	3	
<sup>6</sup> BUAD 453	4	
<b>Term 8</b>		
Collateral	3	No milestones
SCM 460	3	
<del>SCM 421</del>	<del>3</del>	
<del>SCM 411 or SCM 412 or SCM 413 or</del> <del>SCM 414 or SCM 421 or SCM 422 or</del> <del>SCM 430</del>	3	
<sup>5</sup> Unrestricted Electives	<del>2 5</del>	
<sup>7</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

**Supply Chain Management Collateral Options**

BUSINESS ANALYTICS – BAS 320, BAS 474, and one of: BAS 340, BAS 454, BAS 471, BAS 475, ~~BAS 476~~, or INMT 342.

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ENT 460, ~~ENT 462, ENT 470, ENT 485~~, ENT 492, or ENT 499.

INFORMATION MANAGEMENT – INMT 341, INMT 342, and ~~one of either~~ INMT 442, ~~or~~ INMT 443, ~~INMT 441, or INMT 499~~.

MARKETING – MARK 350, ~~MARK 360~~, and ~~two one~~ of ~~MARK 360~~, MARK 462, MARK 464, ~~MARK 465~~, MARK 466, ~~MARK 468, or~~ MARK 469, ~~MARK 470, or MARK 471~~.

~~SALES – MARK 350, MARK 469 and either MARK 470 or MARK 471.~~

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

<sup>8</sup> ~~Students pursuing a collateral in Finance must choose FINC 306.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Reflects new FINC 306 course for Finance collaterals. Reflects new course*



Low-  
impact:  
Revise  
program

offerings for ENT, INMT collaterals. Reflects Marketing curriculum changes previously approved by college. Impact on other units: Changes made in consultation with affected departments. Financial impact: Changes made in consultation with affected departments.

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Heath Integrated Business and Engineering Program

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2 3</del>	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
<del>SCM 309 SCM 311, SCM 312</del>	<del>3 6</del>	
EF 303	3	
<sup>5</sup> Unrestricted Elective	5	
Term 7		
EF 437	3	<del>SCM 311, SCM 312</del>
<del>SCM 413 SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3	
<del>SCM 414</del>	<del>3</del>	

<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	
<b>Term 8</b>		
EF 438	3	No milestones
SCM 421	3	
SCM 460 Two of SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422	3 6	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Impact on other units: None. Financial impact: Any freed resources from consolidation of SCM 311 and 312 into 309 will be offset by increased demand in 400-level electives.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Information Management Concentration

<b>Term 2</b>		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
<b>Term 3</b>		
ACCT 200 or ACCT 203 or ACCT 207	3	MATH 125* or MATH 141*
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
<b>Term 4</b>		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
INMT 242 BUAD 242	3 2	
ECON 213* or ECON 218*	3	

Low-  
impact:  
Revise  
program

STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	<del>2</del> 3	
BUAD 200	1	
<b>Term 5</b>		
BUAD 331, BUAD 332	4	INMT 242 BUAD-242
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
BUAD 300	1	
<b>Term 6</b>		
INMT 342	3	2.5 cumulative GPA
<del>SCM 309</del> <del>SCM 311, SCM 312</del>	<del>3</del> 6	INMT 341
<sup>5</sup> Unrestricted Electives	5	
<del>BULW 301</del>	<del>2</del>	
<b>Term 7</b>		
<del>BULW 301</del>	<del>2</del>	<del>SCM 311, SCM 312</del>
INMT 442, <del>INMT 443, INMT 441, or INMT 499</del>	3	
<del>SCM 413</del> <del>SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3	
<del>SCM 414</del>	<del>3</del>	
<sup>5</sup> Unrestricted Elective	3	
BUAD 453	4	
<b>Term 8</b>		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
<del>INMT 442, INMT 443, INMT 441, or INMT 499</del>	3	
<del>SCM 421 Two of SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	<del>3</del> 6	
<del>SCM 460</del>	<del>3</del>	
<sup>5</sup> Unrestricted Elective	2	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Reflects new INMT course offerings. Impact on other units: Changes made in consultation with INMT faculty. Financial impact: Any freed resources from consolidation of SCM 311 and 312 into 309 will be offset by increased demand in 400-level electives. New INMT courses will be covered by new tenure track faculty (who started in fall 2019) and an approved lecturer (search in progress, new faculty to begin in fall 2020).*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – International Business Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
<sup>5</sup> ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>6</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
<sup>5</sup> STAT 201* or STAT 207*	3	
<sup>6</sup> Unrestricted Elective	<del>2 3</del>	
<sup>8</sup> BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
<sup>8</sup> BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
<del>SCM 309 SCM 311, SCM 312</del>	<del>3 6</del>	
<sup>7</sup> International Business coursework	<del>6 3</del>	
<sup>6</sup> Unrestricted Elective	2	
Term 7		
<sup>7</sup> International Business coursework	<del>3 6</del>	<del>SCM 311, SCM 312</del>
<del>SCM 413 SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3	
<del>SCM 414</del>	<del>3</del>	
<sup>6</sup> Unrestricted Elective	3	
<sup>5</sup> BUAD 453	4	
Term 8		
<sup>7</sup> International Business coursework	3	No milestones

SCM 421 <del>Two of SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	<del>3</del> 6	
SCM 460	3	
<sup>6</sup> Unrestricted Electives	5	
<sup>8</sup> BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Impact on other units: None. Financial impact: Any freed resources from consolidation of SCM 311 and SCM 312 into SCM 309 will be offset by increased demand for 400-level electives.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Marketing Concentration

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
<sup>5</sup> Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3</del> 2	
ECON 213* or ECON 218*	3	
STAT 201* or STAT 207*	3	
<sup>5</sup> Unrestricted Elective	2 <del>3</del>	
BUAD 200	1	
Term 5		

BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	INMT 242 BUAD-242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
<b>Term 6</b>		
MARK 350, <del>MARK 360</del>	3 6	2.5 cumulative GPA
<sup>5</sup> Unrestricted Elective	5 3	
<del>SCM 309</del> <del>SCM 311, SCM 312</del>	3 6	
<del>BULW 301</del>	2	
<b>Term 7</b>		
<del>BULW 304</del>	2	<del>SCM 311, SCM 312</del>
Two of MARK 360 or MARK 462 or MARK 464 or <del>MARK 465</del> or MARK 466 or <del>MARK 468</del> or MARK 469 or <del>MARK 470</del> or MARK 471	6 3	
<sup>5</sup> <del>Unrestricted Elective</del>	2	
<del>SCM 413</del> <del>SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3	
<del>SCM 414</del>	3	
BUAD 453	4	
<b>Term 8</b>		
MARK 460	3	No milestones
<del>SCM 421</del> <del>Two of SCM 411 or SCM 412 or SCM 413 or SCM 414 or SCM 421 or SCM 422</del>	3 6	
<del>SCM 460</del>	3	
<sup>5</sup> Unrestricted Electives	5	
BUAD 405	1	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~

*Rationale: Reflects change in STAT 201 prerequisite and replacement of BUAD 242 with INMT 242. SCM 309 replaces SCM 311 and 312 which are being dropped. This will reduce a significant overlap and redundancy of material. Furthermore, by requiring 413, 414, and 421, this will ensure that an SCM major had the basic source, make, and deliver content contained in those courses. Reflects change in Marketing curriculum already approved by college. Impact on other units: Changes made in consultation with Marketing department. Financial impact: Any freed resources from consolidation of SCM 311 and SCM 312 into SCM 309 will be offset by increased demand for 400-level electives.*

*Rationale: To provide more flexibility and choice for SCM students earning MARK concentrations. This means adding newer courses (MARK 465 – Digital Marketing, MARK 470 – Advanced Topics in Sales) to their options and not requiring MARK 360, a marketing analytics course that is not essential for students who are not marketing majors. It also reflects a course number change (MARK 468 becomes MARK 471). Impact on other units: Minimal, this simply creates options for students who earn MARK concentrations. Financial Impact: No net impact;*

while the total number of sections of MARK 360 would decrease, the number of MARK 400-level electives would concomitantly increase.

## INTERCOLLEGIATE PROGRAM

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Business Administration – Public Administration Major

Term 2		
<sup>1,2</sup> ENGL 102*	3	2.5 cumulative GPA
<sup>3</sup> Intermediate Foreign Language*	3	
<sup>4</sup> MATH 125*, MATH 142* or MATH 148*	3-4	
<sup>3</sup> Natural Sciences Electives*	3-4	
MGT 202	3	
Term 3		
ACCT 200 or ACCT 203 or <sup>5</sup> ACCT 207	3	<del>MATH 125* or MATH 141*</del>
<sup>3</sup> Arts and Humanities Elective*	3	
ECON 211* or ECON 217*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
Unrestricted Elective	3	
Term 4		
<sup>3</sup> Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200 or ACCT 203; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 202
<del>INMT 242 BUAD 242</del>	<del>3 2</del>	
<sup>5</sup> ECON 213* or ECON 218*	3	
POLS 240	3	
STAT 201* or <sup>5</sup> STAT 207*	3	
<sup>8</sup> BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	<del>INMT 242 BUAD 242</del>
<sup>5</sup> BUAD 331, <sup>5</sup> BUAD 332	4	
BUAD 341, BUAD 342	4	
<sup>5</sup> FINC 301	3	
<del><sup>6</sup>Unrestricted Elective</del>	<del>4</del>	
<sup>8</sup> BUAD 300	1	
Term 6		
ECON 311	3	2.5 cumulative GPA
<sup>7</sup> Economics or Political Science Elective	6	BUAD 331, BUAD 332
<sup>6</sup> Unrestricted Electives	<del>7 -4</del>	ECON 311

<sup>4</sup> ~~Students who have already completed MATH 132 with a C or better may substitute that for MATH 141. MATH 125\* or MATH 141\* or MATH 152\* are prerequisites for STAT 201\*, which is taken during the second semester of the Second Year. As a result, either MATH 125\* or MATH 141\* or MATH 152\* must be completed by the end of the first semester of the Second Year.~~



*Rationale: Reflects change in STAT 201 prerequisite, replacement of BUAD 242 with INMT 242.  
Impact on other units: None. Financial impact: None.*

## COLLEGE OF COMMUNICATION AND INFORMATION

All changes effective Fall 2020

### COURSE CHANGES

#### SCHOOL OF ADVERTISING AND PUBLIC RELATIONS (ADVT) Advertising

Low-  
impact:  
Revise  
course

#### **REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE REGISTRATION RESTRICTIONS**

##### **ADVT 310 Advertising Design (3)**

This introductory course examines the varied design options, layout stages, color, type and production techniques using Photoshop, Illustrator and InDesign needed to develop multimedia advertising.

*(RE) Prerequisite(s): ADVT 250.*

*Registration Restriction(s): Advertising majors or by permission of instructor only.*

*Formerly: ADVT 310 - Advertising and Public Relations Design (3)*

*Study, use, and application of design, color, type, and layout styles as they affect concept development in the creation of promotional materials. Analysis of organizational goals and how they mold strategic and conceptual development. Application of relevant computer software for creation of promotional material.*

*Prerequisite(s): ADVT 250 or PBRL 270.*

*Registration Restriction(s): Advertising or public relations major.*

*Rationale: The name change and description better reflect the content of the course. Deleting the PBRL 270 prerequisite gets advertising majors into the right section designed for them. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

#### **REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) COREQUISITE(S)**

##### **ADVT 340R – Advertising Research Methods (3)**

Secondary data and primary research techniques for advertising decision making.

*(RE) Corequisite(s): MATH 115 or STAT 201 or STAT 207.*

*Formerly: Advertising and Public Relations Research Methods (3)*

*Secondary data and primary research techniques for advertising and public relations decisions.*

*(RE) Corequisite(s): Statistics 201 or 207.*

*Note: The same revision will be made to the archived base course, ADVT 340.*

*Rationale: The revised title and description better communicate the purpose of the course for advertising majors. This course is not the same as the PBRL 340R course in the catalog. Impact on other units: None. Financial impact: None. Math 115 prepares students with all they need to succeed in Advertising and Public Relations Research Methods. So, the faculty would like to offer majors that option. Students who want to minor in Business will take STAT 201 or 207.*

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION, REVISE REGISTRATION RESTRICTION(S)

#### **ADVT 350 - Creative Strategy (3)**

Basic concepts of creative strategy development with intensive practice in developing creative briefs, writing and designing advertisements, and strategically and creatively judging visual and verbal output.

*Registration Restrictions: Advertising majors or by permission of instructor only.*

*Formerly: ADVT 350 - Advertising Creative Strategy (3)*

*Basic concepts of creative strategy with intensive practice in developing creative strategy statement, writing and designing advertisements, and judging creative work.*

*Registration Restriction(s): Advertising or public relations major.*

*Rationale: The revised title and description better communicate the purpose of the course for advertising majors. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### REVISE CREDIT HOURS, REVISE DESCRIPTION, REMOVE CONTACT HOUR DISTRIBUTION, REVISE REPEATABILITY, ADD (RE) PREREQUISITE(S), REMOVE (DE) PREREQUISITE(S), REMOVE REGISTRATION RESTRICTION(S), ADD REGISTRATION PERMISSION

#### **ADVT 492 - Advertising Internship (1-4)**

Approved internships and other supervised practice in advertising.

*Repeatability: May be repeated. Maximum 4 hours.*

*(RE) Prerequisite(s): Advertising 340R.*

*Registration Permission: Permission of instructor.*

*Formerly: ADVT 492 - Advertising Internship (1)*

*Experience in a functional area of advertising.*

*Contact Hour Distribution: 10 hours of laboratory each week.*

*Repeatability: May be repeated. Maximum 2 hours.*

*(DE) Prerequisite(s): 340 and junior/senior standing.*

*Registration Restriction(s): Advertising or public relations major.*

*Rationale: PBRL 492 is being revised to make it more accommodating to student needs in their progression through the major. The title and description more accurately reflect the nature of the course. There is no laboratory requirement each week, so that is being removed. Changing the prerequisites and registration restrictions also makes it easier for students to gain internship credit earlier in their majors. Further, many employers are requiring that students receive credit for their work, so this allows students to accommodate that.*

### **(PBRL) Public Relations**

Low-  
impact:  
Revise  
course

### REVISE REGISTRATION RESTRICTION(S)

#### **PBRL 310; Advertising and Public Relations Design (3).**

*Registration Restriction: Public relations major.*

*Formerly: Registration Restriction(s): Advertising or public relations major.*

*Rationale: This course is intended for public relations majors. Advertising majors should take ADVT 310.*

Low-  
impact:

### REVISE (RE) PREREQUISITE(S)

Revise  
course

**PBRL 320; Public Relations Writing (3)**

*(RE) Prerequisite(s): Public Relations 270; Public Relations 310; Journalism and Electronic Media 200.*

*Formerly: (RE) Prerequisite(s): 270 and Advertising 310 or Public Relations 310 and Journalism and Electronic Media 200.*

*Rationale: Students in this course should complete Public Relations 310, the design course designated for the major; so, Advertising 310 is removed as a prerequisite.*

Low-  
impact:  
Revise  
course

**REVISE (RE) COREQUISITE(S)**

**PBRL 340R - Advertising and Public Relations Research Methods (3)**

*(RE) Corequisite(s): Math 115 OR Statistics 201 OR Statistics 207.*

*Formerly: (RE) Corequisite(s): Statistics 201 or 207.*

*Rationale: Math 115 prepares students with all they need to succeed in Advertising and Public Relations Research Methods. So, the faculty would like to offer majors that option. Students who want to minor in Business will take STAT 201 or 207.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**PBRL 370 - Public Relations Cases (3)**

*(RE) Prerequisite(s): Public Relations 340R.*

*Formerly: (RE) Prerequisite(s): 340R or Advertising 340R.*

*Rationale: Students in the public relations major should complete the public relations research class, PBRL 340R, and not ADVT 340R, which is intended for advertising majors.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**PBRL 400 – Public Relations Law and Ethics (3)**

Exploring legal and ethical issues that affect the practice of public relations.

*Rationale: ACEJMC, the accreditation body for the public relations major, requires that public relations majors complete a course on law and ethics. Majors have long depended on JREM 400, Mass Communication Law, to fulfill that requirement. There has been a need, however, to stop depending on JREM to support PBRL majors in that course and bring it within the department. Further, accreditation requires a focus on ethics that is not a primary focus of JREM 400, making this course a more appropriate option for students.*

*PBRL 400 will examine law governing the practice of public relations and the ethics that guide personal and institutional decision-making in mass communication. A central theme is the First Amendment guarantee of freedom of speech and freedom of the press, and, specifically how that applies to Public Relations practitioners.*

Low-  
impact:  
Revise  
course

**REVISE CREDIT HOURS, REVISE (RE) PREREQUISITE(S)**

**PBRL 492 - Public Relations Internship (1-3)**

*(RE) Prerequisite(s): Public Relations 340R.*

*Formerly: PBRL 492 - Public Relations Internship (1-2)  
(RE) Prerequisite(s): Public Relations 320.*

*Rationale: This change allows students to start to earn internship credits earlier in their major, as they have three semesters to take 1 hour each semester and satisfy the CCI elective requirement.*

## SCHOOL OF COMMUNICATION STUDIES (CMST) Communication Studies

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **CMST 260 Professional Skills in Communication Lab (2)**

*This lab covers professional and general skills (e.g., writing a resume, interviewing) for success in the field of Communication.*

*(RE) Prerequisite(s): 201 or 207.*

#### COURSE EQUIVALENCY TABLE

Former Course Number	Equivalent New Course Effective Fall 2020
CMST 360 Professional Skills in Communication Lab	CMST 260 Professional Skills in Communication Lab

*Rationale: This course is the same as 360, which is being dropped from the curriculum. The move from 300-level to 200-level is to equip students with professional development skills earlier in the program to support their success obtaining internships and career trajectories post-graduation. Impact on other units: None. Financial impact: None.*

*Note: This would be a low-impact change because it does not alter the hours for the major or impact progression through the major.*

Mid-  
impact:  
Add  
Course

### ADD COURSE, REQUEST VARIABLE TITLE

#### **CMST 280 – Communication Currents (1-3 credit hours)**

Content varies. Emerging research and perspectives on current issues and communication practice.

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit Restriction: Counts toward College Electives for Communication Studies majors.*

*(RE) Prerequisite(s): CMST 201 or 207 or PSYC 110 or PSYC 117.*

*Comment(s): Topics and scope of subject matter determined by department.*

*Registration Restriction(s): Communication Studies majors/minors or consent of instructor.*

*Rationale: To enhance course offerings and appeal to majors/non-majors, Communication Studies would benefit 1-3 credit hour content course on current issues and communication practice course at the 200 level. Impact on other units: None. Financial impact: None.*

*Note: this would be a mid-impact change because it is new but is not seeking general education or experience learning approval and is not expected to be a required course for majors outside the host college.*

Mid-  
impact:  
Add  
Course

### ADD COURSE, REQUEST VARIABLE TITLE

#### **CMST 300 – Topics in Applied Communication (3)**

Content varies. Possible topics include diversity, social media, entrepreneurship, communication technologies, etc.

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit Restriction: Maximum of 3 hours can count toward the major. Additional hours count toward College Electives for Communication Studies majors.*

*(RE) Prerequisite(s): CMST 201 or 207.*

*Comment(s): Topics and scope of subject matter determined by department.*

*Registration Restriction(s): Communication Studies majors/minors or consent of instructor.*

*Rationale: To enhance course offerings and appeal to majors, Communication Studies needs an applied topics course emerging research and perspectives on current issues and practice course at the 200 level. Impact on other units: None. Financial impact: None.*

*Note: this would be a mid-impact change because it is new but is not seeking general education or experience learning approval and is not expected to be a required course for majors outside the host college.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CMST 354 Research Methods in Communication Studies - Lab (1)**

*Rationale: The course is no longer needed since 356 will increase from 3 to 4 hours (see present document) to account for the course content in 354. Impact on other units: None. Financial impact: None.*

*Note: This would be a mid-impact change because the deletion of 354 does not alter the total hours in the major or students' progression to graduation.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS, ADD CONTACT HOURS DISTRIBUTION, REVISE (RE) COREQUISITE(S)**

#### **CMST 356 Research Methods in Communication Studies (4)**

*Contact Hours Distribution: 3 hours lecture and 1 hour lab.*

*(RE) Corequisite(s): one course from: Mathematics 115, 117, Statistics 201, or 207.*

*Formerly: CMST 356 Research Methods in Communication Studies (3)*

*(RE) Corequisite(s): 354; and one course from: Mathematics 115, 117, Statistics 201, or 207.*

*Rationale: The course will now include 3 hours of lecture and 1 hour lab. The increase in credit hours (from 3 to 4 hours) accounts for the deletion of the previous corequisite 354 (1 credit hour) from the curriculum (see present document). Impact on other units: None. Financial impact: None.*

*Note: This would be a mid-impact change because it does not alter the total hours for the major or impact students' progression through the major.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CMST 360 Professional Skills in Communication Lab (2)**

*Rationale: This course serves our communication studies majors only and will be replaced by 260, which is being added to the curriculum to account for this content. The move from 300-level to 200-level is to equip students with professional development skills earlier in the program to support their success obtaining internships and career trajectories post-graduation. Impact on other units: None. Financial impact: None.*

*Note: This would be a mid-impact change because it does not alter content knowledge, the total hours for the major or impact students' progression through the major.*

Mid-  
impact:

### **ADD COURSE**

Add  
Course

### **CMST 392 – Internship (1-6 credit hours)**

Supervised career-related experiences using communication studies theories and techniques in government and for-profit or non-profit organizations, culminating in a written and oral report.

*Grading Restriction: Satisfactory/No Credit grading only.*

*Repeatability: May be repeated. Maximum 6 hours.*

*Credit Restriction: Does not count towards the major. Counts towards College Electives or Unrestricted Electives.*

*(RE) Prerequisite(s): CMST 201 or 207.*

#### **COURSE EQUIVALENCY TABLE**

Former Course Number	Equivalent New Course Effective Fall 2020
CMST 492 Internship	CMST 392 Internship

*Rationale: This course is the same as 492, which is being dropped from the curriculum (see present proposal). The move from 400-level to 300-level is to motivate students to pursue internships earlier in the program to support experiential learning now and career trajectories post-graduation. Impact on other units: None. Financial impact: None.*

*Note: This would be a low-impact change because it does not alter the hours for the major or impact progression through the major.*

Mid-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CMST 492 Internship (3)**

*Rationale: This course serves our communication studies majors only and will be replaced by 392, which is being added to the curriculum. The move from 400-level to 300-level is to equip encourage experiential learning through internships earlier in the major and enhance students' career trajectories post-graduation. Impact on other units: None. Financial impact: None.*

*Note: This would be a mid-impact change because it does not alter the total hours for the major or impact students' progression through the major.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT RESTRICTION**

#### **CMST 493 Independent Study (1-6)**

*Credit Restriction: Counts towards College Electives only.*

*Formerly: Credit Restriction: Maximum of 3 hours may be applied toward the major.*

*Rationale: This clarifies which Upper-level Content Courses (formerly 400-level Content Courses) are counted toward the major from the courses that count toward College electives or Unrestricted electives. Impact on other units: None. Financial impact: None.*

*Note: This would be a low-impact change because it aligns with advising priorities and impacts a very small percentage of students in the major.*

## **SCHOOL OF INFORMATION SCIENCES (INSC) Information Science**

Low-  
impact:  
Revise  
course

### **REVISE TITLE**

#### **INSC 201 Foundations of Information Sciences (3)**

*Formerly: INSC 201 Foundations of Information Science (3).*



*Rationale: To more accurately describe the course content. Impact on other units: None.  
Financial impact: None.*

*Note: This would be a low-impact change with a deadline of December 1 because the revisions are for clarification and do not indicate substantial change to the course content.*

Mid-  
impact:  
Drop  
Course

## **DROP COURSE**

### **INSC 410 History of the Book (3)**

*Rationale: The School of Information Sciences has decided to stop offering this course as part of the process of updating courses to make them more contemporary. Impact on other units: None.  
Financial impact: None.*

*Note: This would be a mid-impact change with a December 1 deadline because the dropping of this course does not indicate any substantial change.*

Low-  
impact:  
Revise  
course

## **REVISE TITLE**

### **INSC 439 Interfaces and Interaction Design (3)**

*Formerly: INSC 439 Interfaces and Interaction Design (3).*

*Rationale: To more accurately describe the course content. Impact on other units: None.  
Financial impact: None.*

*Note: This would be a low-impact change with a deadline of December 1 because the revisions are for clarification and do not indicate substantial change to the course content.*

Low-  
impact:  
Revise  
course

## **+REVISE (RE) PREREQUISITE(S)**

### **+INSC 450: Writing About Science and Medicine (3)**

*(RE) Prerequisite(s): English 102, 132, 290, 298 or Graduate Student.*

*Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298.  
Cross-listed with JREM 450; JREM is primary.*

*Note that this revision is also being proposed for the primary cross-listed course, JREM 450.*

*Rationale: The primary course is revising the prerequisite, so the secondary course must make the same update. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

Low-  
impact:  
Revise  
course

## **REVISE TITLE**

### **INSC 489 Data Visualization (3)**

*Formerly: INSC 489 Data Analytics and Visualization (3).*

*Rationale: To more accurately describe the course content. Impact on other units: None.  
Financial impact: None.*

*Note: This would be a low-impact change with a deadline of December 1 because the revisions are for clarification and do not indicate substantial change to the course content.*



**SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA**  
**(JREM) Journalism and Electronic Media**

Low-  
impact:  
Revise  
course

**REMOVE (RE) PREREQUISITE(S), ADD REGISTRATION RESTRICTION(S)**

**JREM 260 Studio Production (3)**

*Registration Restriction(s): Journalism and Electronic Media Major.*

*Formerly: (RE) Prerequisite(s): 220 or 230.*

*No registration restriction.*

*Rationale: This change would allow students in the major to take JREM 260 and JREM 200 during the same semester, thus assisting them in meeting their milestone requirements and graduating in a timely manner. This change would be especially helpful for transfer students. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**JREM 330 Communication for Media (3)**

In the media saturated world of today, engineers, scientists, social workers and people from various other fields are regularly asked to participate in media interviews about their work. This course will prepare students - not familiar with journalism processes and norms - to effectively and ethically communicate via media. Among the topics covered will be how to present research and other information to journalists, serve constructively as an interview subject, and create informational content for personal websites and blogs.

*Rationale: Applied communication courses for students enrolled in non-communication majors are in high demand. This course expands upon oral communication course skills to promote understanding of and engagement with targeted audiences and stakeholders in a variety of communication contexts, such as: interpersonal, small group, and team communication; nonverbal and cross-cultural communication; communication of discipline-specific or professional information both within and outside the discipline or profession; conversational communication in formal and informal settings; and active listening. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**JREM 360 Communicating On-Air/Online for Television and Radio (3)**

*(RE) Prerequisite(s): 220 or 230.*

*Formerly: (RE) Prerequisite(s): 230.*

*Rationale: The required prerequisite for this course inadvertently omitted JREM 220. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**JREM 366 Media and Democracy (3)**

Media and Democracy is a course in media literacy and media effects. We take a fresh look at traditional, social, and digital media, with an emphasis on audience skills in understanding the messages we create, encounter, and evaluate. The course explores the crosscurrents of influence in several areas, including the role of public opinion and the media in the formation of democratic systems. Students will become better global citizens by being able to identify democratic operation differences between the U.S. and other countries. Class work also will address social class, ethnicity, gender, language, race, and religion as related to voting behavior, campaign strategies, and constituent services.

*Rationale: Global Citizenship United States Focus courses with an emphasis on the media and the transnational, historical, and contemporary forces that affect American democratic society are in high demand. This courses will help students develop an appreciation of the variety and realities of the "American experience," taking into consideration categories of difference, such as social class, disability, ethnicity, gender, human geography, language, race, religion, and sexual orientation, and an understanding of the transnational, historical, and contemporary forces that affect American society, in order to foster students' awareness of their own identities and responsibilities in a deeply pluralistic nation and globally intertwined world. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **JREM 370 Global Communication (3)**

This course is designed to help students develop skills in communication across cultures in order to become effective in a global world. Topics covered include globalization, the role of news and entertainment media in global affairs, press freedom around the world, propaganda, global media systems, and the impact of digital and social media in various countries and regions.

*Rationale: Global Citizenship International Focus courses with an emphasis on communication across cultures are in high demand. This course will help students develop an understanding of historical influences and contemporary dynamics that shape the experiences of those living outside the United States. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **JREM 422: Social Journalism (3)**

(RE) Prerequisite(s): JREM 220 or 230.

Formerly: (RE) Prerequisite(s): JREM 350.

*Rationale: JREM 350 is no longer a required course and is currently a road block for students who want to take JREM 422. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

### **+REVISE (RE) PREREQUISITE(S)**

#### **+JREM 450: Writing About Science and Medicine (3)**

(RE) Prerequisite(s): English 102, 132, 290, 298 or Graduate Student.

Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298.

Cross-listed with INSC 450; JREM is primary.

*Note that this revision is also being proposed for the secondary cross-listed course, INSC 450.*

*Rationale: This course attracts a number of master's and doctoral students in the STEM fields. This change would allow these graduate students to register for the course without dealing with the roadblocks that currently exist. The same change will be made to the secondary course. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

### **REVISE (RE) PREREQUISITE(S)**

#### **JREM 451: Environmental Writing (3)**

(RE) Prerequisite(s): English 102, 132, 290, 298 or Graduate Student.

Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298.

*Rationale: This course attracts a number of master's and doctoral students in the STEM fields. This change would allow these graduate students to register for the course without dealing with the roadblocks that currently exist. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

**JREM 456: Science Writing as Literature (3)**

*(RE) Prerequisite(s): English 102, 132, 290, 298 or Graduate Student.*

*Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298.*

*Rationale: This course attracts a number of master's and doctoral students in the STEM fields. This change would allow these graduate students to register for the course without dealing with the roadblocks that currently exist. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REMOVE (RE) PREREQUISITE(S)**

**JREM 466: Media, Diversity and Society (3)**

*Formerly: (RE) Prerequisite(s): 175 and 200.*

*Rationale: This change would allow non-majors to take this course to satisfy three credit hours of the Vol Core Global Citizenship United States Focus requirement. This change would be especially helpful for non-major students. Impact on other units: Minimal. Any impact would be beneficial. Financial impact: None.*

Mid-  
impact:  
Add  
Course

**ADD COURSE**

**JREM 489 Creative Production Capstone (3)**

This is a senior capstone course for students who want to pursue careers in video production. From conceptualization to all stages of production, students will work in teams to develop a project that demonstrates what students have learned and the skill sets they have acquired in the areas of digital storytelling and production.  
Registration Restriction(s): Journalism and electronic media major; minimum student level – senior.

*Program Learning Outcome for the B. S. in Journalism & Electronic Media: 1. That students develop professional skills in journalism and electronic media, skills sufficient to meet the expectations for entry-level jobs in the field.*

*Rationale: The course addition, which supports Program Learning Outcome 1, reflects the need to have a capstone course for our majors who are specializing in creative video productions. The idea for creating this course was based on feedback received from professional production companies as well as alumni members who currently are working in this area. The course has been tested twice as a special topics course. Impact on other units: None. Financial impact: None.*

**PROGRAM CHANGES**

Low-  
impact:  
Revise  
text

**REVISE TEXT**  
(main college page)

**Requirements for Graduation**  
(beginning with paragraph 2)

All courses in the core Advertising progression, ADVT 310 - Advertising and Public Relations Design, ADVT 340R - Advertising and Public Relations Research Methods, ADVT 350 - Advertising Creative Strategy, ADVT 360 - Advertising Media Strategy, ADVT 380 - Advertising Professional Seminar, ADVT 450 - Advertising Management, ADVT 470 - Advertising Campaigns, and ADVT 480 - Advertising Issues, must be **completed with a taken at UT Knoxville.** A grade of C- or better **must be earned in these courses** for the hours to count toward requirements for the major.

All courses in the core Public Relations progression, PBRL 310 - Advertising and Public Relations Design, PBRL 320 - Public Relations Writing, PBRL 340R - **Advertising and Public Relations Research Methods**, PBRL 370 - Public Relations Cases, PBRL 380 - Public Relations Professional Seminar, PBRL 420 - Advanced Public Relations Writing, and PBRL 470 - Public Relations Campaigns, must be completed with a grade of **C- C** or better for the hours to count toward requirements for the major.

The Bachelor of Arts in Communication is awarded to communication studies majors who successfully complete the 120 hours prescribed under the communication studies requirements. Students must earn at least a C- in all communication studies courses completed for the hours to count toward requirements for the major. Students must achieve a cumulative grade point average of at least 2.0 in all College courses used to fulfill graduation requirements. **CMST 260 - Professional Skills in Communication Lab**, CMST 312 - Survey of Interpersonal Communication, CMST 342 - Survey of Organizational Communication, CMST 352 - Communication Theory, **CMST 354 - Research Methods in Communication Lab**, **CMST 360 - Professional Skills in Communication Lab**, CMST 356 - Research Methods in Communication Studies, and CMST 499 - Proseminar in Communication Studies must be completed at UT Knoxville.

The Bachelor of Science in Information Sciences is awarded to majors who successfully complete the 120 hours prescribed under the information sciences requirements. INSC 201 - Foundations of Information Science, INSC 210 - Foundations of Information Technology, INSC 311 - User Centered Design, INSC 360 - Programming for Information Professionals, and INSC 380 - Information Management for Information Professionals are the core courses in the Information Sciences progression. The information sciences major offers concentrations in Data, Information Management, and Analytics (DIMA) and in User Experience Design (UXD). **Students must earn a cumulative grade point average of at least a 2.0 in all information sciences courses used to fulfill graduation requirements.**

*Rationale: The committee proposes to revise catalog copy to accept transfer credits in 300- and 400-level advertising courses to accommodate progression through the major without delaying graduation. The Director will review syllabi for the case-by-case basis and seek faculty input as s/he deems necessary. Faculty decided that students with a C- should be allowed to progress in the major; there is not enough difference in the C and C- student for these major courses to justify delay in progression. Financial Impact: None; Impact on other units, none.*

*Rationale: This low-impact change will reflect the recent course deletions (354 and 360) and align the courses listed for requirement to graduate (in catalog text) with the courses currently required and listed in the academic planning table.*

## SCHOOL OF ADVERTISING AND PUBLIC RELATIONS

Low-  
impact:  
Revise  
text

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Communication – Advertising Major

Term 2		
ANTH 130* or ANTH 137*	3	ENGL 101* or ENGL 118*

ENGL 102*	3	
<sup>2</sup> Intermediate Foreign Language*	3	
<sup>4</sup> Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
<sup>3</sup> Natural Sciences Elective*	4	
<b>Term 3</b>		
ADVT 250	3	CCI 150
ECON 201* or ECON 207*	4	<del>MATH 125* or MATH 141* or MATH 147*</del>
<sup>5</sup> <sup>4</sup> English Literature Elective*	3	
<sup>6</sup> <sup>5</sup> History Elective*	3	
<del>MATH 115 or</del> STAT 201* or STAT 207*	3	
<b>Term 4</b>		
ACCT 200 or ACCT 207	3	ADVT 250
College or General Elective	3	<del>2.0 2.5 cumulative GPA in the following courses: ADVT 250 or PBRL 270; ANTH 130* or ANTH 137*; CCI 150; ENGL 102*; MATH 125* or MATH 141* or MATH 147*</del>
<sup>5</sup> <sup>4</sup> English Literature Elective*	3	
<sup>7</sup> <sup>6</sup> Cultural Studies Elective*	3	
PBRL 270	3	
<b>Term 5</b>		
<sup>8</sup> <sup>7</sup> ADVT 310, ADVT 340R	6	ADVT 310, ADVT 340R
CMST 240* or CMST 247*	3	<del>MATH 115 or</del> STAT 201* or STAT 207*
MGT 201	3	
PSYC 110* or PSYC 117*	3	
<b>Term 6</b>		
<sup>8</sup> <sup>7</sup> ADVT 350, ADVT 360, ADVT 380	7	No milestones
College or General Elective	3	
MARK 300	3	
MGT 300	3	
<b>Term 7</b>		
<sup>8</sup> <sup>7</sup> ADVT 450, ADVT 480	6	No milestones
College or General Elective	3	
PSYC 360	3	
<sup>9</sup> <sup>8</sup> General Elective	3	
<b>Term 8</b>		
<sup>8</sup> <sup>7</sup> ADVT 470	3	No milestones
College or General Elective	3	
<sup>10</sup> <sup>9</sup> College Elective	3	
<sup>9</sup> <sup>8</sup> General Elective	1-3	
<b>TOTAL</b>	<b>120</b>	

<sup>4</sup> Choose from the University General Education list. ~~Chosen from ENGL 201\* or ENGL 207\*, ENGL 202\* or ENGL 208\*, ENGL 206\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\* or ENGL 237\*, ENGL 232\* or ENGL 238\*, ENGL 233\*, ENGL 247\* or ENGL 251\*, ENGL 248\* or ENGL 252\*, ENGL 253\* or ENGL 258\*, ENGL 254\*, ENGL 281\*.~~

<sup>5</sup> Chosen from ENGL 201\* or ENGL 207\*, ENGL 202\* or ENGL 208\*, ENGL 206\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\* or ENGL 237\*, ENGL 232\* or ENGL 238\*, ENGL 233\*, ENGL 247\* or ENGL 251\*, ENGL 248\* or ENGL 252\*, ENGL 253\* or ENGL 258\*, ENGL 254\*, ENGL 281\*. ~~Select course from HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*; HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*.~~

<sup>6</sup> Select course from HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*; HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*. ~~Select one course from the following: AFST 235\*, AFST 236\*; ANTH~~

- ~~120\* or ANTH 127\*; HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*; HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*; HILA 255\*, HILA 256\*; MRST 201\*, MRST 202\*.~~
- 7 ~~Select one course from the following: AFST 235\*, AFST 236\*; ANTH 120\* or ANTH 127\*; HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*; HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*; HILA 255\*, HILA 256\*; MRST 201\*, MRST 202\*. Students must earn a grade of C- or better in each of the following courses: ADVT 310, ADVT 340R, ADVT 350, ADVT 360, ADVT 380, ADVT 450, ADVT 470, ADVT 480.~~
- 8 ~~Students must earn a grade of C- or better in each of the following courses: ADVT 310, ADVT 340R, ADVT 350, ADVT 360, ADVT 380, ADVT 450, ADVT 470, ADVT 480. Chosen from any course not taught in advertising, communication and information, journalism and electronic media, or public relations.~~
- 9 ~~Chosen from any course not taught in advertising, communication and information, journalism and electronic media, or public relations. Any course from advertising, communication studies, information sciences, journalism and electronic media, or public relations that is not currently required.~~
- 10 ~~Any course from advertising, communication studies, information sciences, journalism and electronic media, or public relations that is not currently required.~~

*Rationale: Replace MATH 125, 141, or 147 as a term 3 milestone requirement with a quantitative reasoning milestone requirement. Students pursuing the business minor would continue to be advised to take Math 125, 141, or 147 as their QR elective. Students not pursuing the minor would select a course from the QR General Education list (e.g., Mathematics 113, 117, 123, 125, 141, 142, 147, 148, 151, 202; Business Administration 202; Computer Science 100; Music Technology 290; Philosophy 130, 235; Psychology 385). However, based on recently approved changes allowing students to take Math 115 or Statistics 201 or 207, the Statistics 201 or 207 milestone in Term 5 should be changed to Math 115 or Statistics 201 or Statistics 207. For those students taking Math 115 instead of STAT 201, the faculty did not see a conceptual or content justification for requiring MATH 125, 141, or 147 for those students not minoring in business and taking MATH 115. Financial Impact: None; Impact on other units, none.*

*The School would like to change the requirement to a 2.0 cumulative term 4 milestone GPA. The faculty believes the list of five courses no longer serves as a good measure of student fitness for continued progression in the major. Instead, it wants to use an overall GPA. Also, it wants to lower expectations from 2.5 to a 2.0 overall to allow more students entry into the major. Financial Impact: None; Impact on other units, none.*

*(footnote 8) Faculty decided that students with a C- should be allowed to progress in the major; there is not enough difference in the C and C- student for these major courses to justify delay in progression. Financial Impact: None; Impact on other units, none.*

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Communication – Public Relations Major

Term 2		
ANTH 130* or ANTH 137*	3	ENGL 101* or ENGL 118*
ENGL 102*	3	
<sup>2</sup> Intermediate Foreign Language*	3	
<sup>4</sup> Quantitative Reasoning Elective* <del>MATH 125*, MATH 141*, or MATH 147*</del>	3-4	
<sup>3</sup> Natural Sciences Elective*	3-4	
Term 3		
ECON 201* or ECON 207*	4	CCI 150
<sup>5</sup> <del>4</del> English Literature Elective*	3	<del>MATH 125* or MATH 141* or MATH 147*</del>
<sup>6</sup> <sup>5</sup> History Elective*	3	
PBRL 270	3	

Low-  
impact:  
Revise  
text



MATH 115 or	STAT 201* or STAT 207*	3	
<b>Term 4</b>			
ACCT 200 or ACCT 207		3	PBRL 270
ADVT 250		3	2.0 2.5 cumulative GPA in the following courses: ADVT 250 or PBRL 270; ANTH 130* or ANTH 137*; GCI 150; ENGL 102*; MATH 125* or MATH 141* or MATH 147*
<sup>5-4</sup> English Literature Elective*		3	
<sup>7-6</sup> Cultural Studies Elective*		3	
JREM 200*		3	
<b>Term 5</b>			
CMST 240* or CMST 247*		3	JREM 200*
MGT 201		3	MATH 115 or STAT 201* or STAT 207*
<sup>8-7</sup> PBRL 310, PBRL 340R		6	
PSYC 110* or PSYC 117*		3	
<b>Term 6</b>			
<sup>9, 10</sup> College or General Electives		6	No milestones
MARK 300		3	
<sup>8-7</sup> PBRL 320, PBRL 370, PBRL 380		7	
<b>Term 7</b>			
<sup>9-8</sup> College Elective		3	No milestones
<sup>10-9</sup> General Elective		3	
<sup>8-7</sup> PBRL 420		3	
<sup>8-7</sup> PBRL 470		3	
PSYC 360		3	
<b>Term 8</b>			
<sup>9, 10</sup> College or General Elective		3	No milestones
JREM 400		3	
<sup>9-8</sup> General Electives		4-6	
<b>TOTAL</b>		<b>120</b>	

<sup>4</sup> Choose from the University General Education list. Chosen from ENGL 201\* or ENGL 207\*, ENGL 202\* or ENGL 208\*, ENGL 206\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\* or ENGL 237\*, ENGL 232\* or ENGL 238\*, ENGL 233\*, ENGL 247\* or ENGL 251\*, ENGL 248\* or ENGL 252\*, ENGL 253\* or ENGL 258\*, ENGL 254\*, ENGL 281\*.

<sup>5</sup> Chosen from ENGL 201\* or ENGL 207\*, ENGL 202\* or ENGL 208\*, ENGL 206\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\* or ENGL 237\*, ENGL 232\* or ENGL 238\*, ENGL 233\*, ENGL 247\* or ENGL 251\*, ENGL 248\* or ENGL 252\*, ENGL 253\* or ENGL 258\*, ENGL 254\*, ENGL 281\*. Select course from HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*, HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*.

<sup>6</sup> Select course from HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*, HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*. Select one course from the following: AFST 235\*, AFST 236\*, ANTH 120\* or ANTH 127\*, HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*, HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*, HILA 255\*, HILA 256\*, MRST 201\*, MRST 202\*.

<sup>7</sup> Select one course from the following: AFST 235\*, AFST 236\*, ANTH 120\* or ANTH 127\*, HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*, HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*, HILA 255\*, HILA 256\*, MRST 201\*, MRST 202\*. Students must earn a grade of C- or better in each of the following courses: PBRL 310, PBRL 320, PBRL 340R, PBRL 370, PBRL 380, PBRL 420, PBRL 470.

<sup>8</sup> Students must earn a grade of C- or better in each of the following courses: PBRL 310, PBRL 320, PBRL 340R, PBRL 370, PBRL 380, PBRL 420, PBRL 470. Select one course (3 hours)



~~from advertising, communication studies, information sciences, journalism and electronic media, or public relations.~~

<sup>9</sup> ~~Select one course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations. Any course not taught in advertising, communication and information, journalism and electronic media, or public relations.~~

<sup>10</sup> ~~Any course not taught in advertising, communication and information, journalism and electronic media, or public relations.~~

*Rationale: Replace MATH 125, 141, or 147 as a term 3 milestone requirement with a quantitative reasoning milestone requirement. Students pursuing the business minor would continue to be advised to take Math 125, 141, or 147 as their QR elective. Students not pursuing the minor would select a course from the QR General Education list (e.g., Mathematics 113, 117, 123, 125, 141, 142, 147, 148, 151, 202; Business Administration 202; Computer Science 100; Music Technology 290; Philosophy 130, 235; Psychology 385). However, based on recently approved changes allowing students to take Math 115 or Statistics 201 or 207, the Statistics 201 or 207 milestone in Term 5 should be changed to Math 115 or Statistics 201 or Statistics 207. For those students taking Math 115 instead of STAT 201, the faculty did not see a conceptual or content justification for requiring MATH 125, 141, or 147 for those students not minoring in business and taking MATH 115. Financial Impact: None; Impact on other units, none.*

*The School would like to change the requirement to a 2.0 cumulative term 4 milestone GPA. The faculty believes the list of five courses no longer serves as a good measure of student fitness for continued progression in the major. Instead, it wants to use an overall GPA. Also, it wants to lower expectations from 2.5 to a 2.0 overall to allow more students entry into the major. Financial Impact: None; Impact on other units, none.*

*(footnote 8) Faculty decided that students with a C- should be allowed to progress in the major; there is not enough difference in the C and C- student for these major courses to justify delay in progression. Financial Impact: None; Impact on other units, none.*

## SCHOOL OF COMMUNICATION STUDIES

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Arts in Communication – Communication Studies Major

Term 6		
<del>CMST 354, CMST 260, and CMST 360</del> CMST 356;	6	No milestones
CMST 312 or CMST 342	3	
<sup>9</sup> Concentration Elective	3	
<sup>3</sup> Unrestricted Elective	3	
Term 7		
<sup>10</sup> CMST <del>Upper-division 400-level</del> Content Courses	6	No milestones
<sup>8</sup> College Elective	3	
<sup>9</sup> Concentration Elective	3	
<sup>3</sup> Unrestricted Elective	3	
Term 8		
CMST 499	3	No milestones
<sup>10</sup> CMST <del>Upper-division 400-level</del> Content Course	3	
<sup>9</sup> Concentration Elective	3	
<sup>3</sup> Unrestricted Electives	6	

<sup>10</sup> **Select three courses from** ~~CMST 300~~, CMST 400, CMST 410, CMST 412, CMST 414, CMST 416, CMST 419, CMST 442, CMST 444, CMST 446, CMST 449 **and** CMST 491. ~~CMST 493. CMST 492 may not be counted toward this requirement.~~ No more than 3 hours each of ~~CMST 300 and CMST 491 and CMST 493~~ may be counted toward the major; additional hours ~~beyond the required 9 hours for these courses~~ may be counted as College Electives ~~or Unrestricted Electives~~.

*Rationale: Footnote 10 –Revised to account for changes to the curriculum – the addition of CMST 300 and credit restrictions added to CMST 493. Support from assessment activities: Faculty review of curriculum. Consultation with the college’s director of academic advising. Impact on other units: minimal. Financial impact: none.*

*Note: These are low-impact changes.*

## REVISE REQUIREMENTS

### Communication Studies Major, BA in Communication – Honors Program

Term 4		
CMST 210*, CMST 217*, CMST 240* <del>or</del> CMST 247, or CMST 250	3	CMST 210*, CMST 217*, CMST 240*, CMST 247*, or CMST 250* with a grade of C– or better
CMST 312, CMST 342	6	
<sup>4</sup> Cultural Studies Elective*	3	
<sup>5</sup> Intermediate Foreign Language*	3	
Term 6		
<del>CMST 354</del> , <del>CMST 260</del> , CMST 356, <del>CMST 360</del> , CMST 487	9	No milestones
<sup>8</sup> Concentration Elective	3	
<sup>3</sup> Unrestricted Elective	3	

<sup>7</sup> Two courses (6 hours) chosen from advertising, communication and information, communication studies, information sciences, journalism and electronic media, or public relations. ~~CMST 392 CMST 492~~ may be counted toward this requirement.

*Rationale: Revised to account for dropped course from the curriculum (354) and the consequent increase in credit hours for 356.*

*Note: This is a low-impact change to reflect revisions to the curriculum.*

## REVISE REQUIREMENTS

### Communication Studies Minor

#### Minor Requirements

The minor consists of 18 hours. CMST 210\* or CMST 217\*, CMST 240\* or CMST 247\*, CMST 491, ~~CMST 392 CMST 492~~, and CMST 493 do not count toward the minor.

#### Prerequisite (select one course)

- CMST 210 - Public Speaking \*
- CMST 217 - Honors: Public Speaking \*
- CMST 240 - Business and Professional Communication \*
- CMST 247 - Honors: Business and Professional Communication \*

**Complete:**

Low-  
impact:  
Revise  
program

Low-  
impact:  
Revise  
program

- CMST 201 - Introduction to Communication Studies
- CMST 312 - Survey of Interpersonal Communication
- CMST 342 - Survey of Organizational Communication

**Select 9 hours:**

- any 400-level CMST electives

**SCHOOL OF INFORMATION SCIENCES**

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Information Sciences**  
(footnote 6)

<sup>6</sup> INSC courses not already required for the major. **Students must complete at least three INSC 400-level courses (nine credit hours) to earn the major in information sciences.**

**Information Sciences Major, BS in Information Sciences – Data, Information Management, and Analytics Concentration (uTrack Requirements)**  
(footnote 6)

<sup>6</sup> INSC courses not already required for the major. **Students must complete at least three INSC 400-level courses (nine credit hours) to earn the major in information sciences.**

**Information Sciences Major, BS in Information Sciences – User Experience Design (UXD) Concentration (uTrack Requirements)**  
(footnote 6)

<sup>6</sup> INSC courses not already required for the major. **Students must complete at least three INSC 400-level courses (nine credit hours) to earn the major in information sciences.**

*Rationale: Currently, BSIS majors only need to complete one 400-level course for the major and it is INSC 493, INSC 495 or INSC 499, which are Independent Project or Research, Special Topics Course or Practicum. Hence, we would like to make sure that students take at least three, 400-level courses to major in information sciences. To better align the graduation requirements of BSIS major with that of other majors offered by the College of Communication, we would like BSIS majors to have at least a 2.0 GPA in all information sciences courses.*  
*Impact on other units: None. Financial impact: None.*

Note: These would be low-impact changes with a deadline of December 1 because the new additions do not indicate any substantial change to the program content.

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Information Sciences Minor****Minor Requirements****Complete 9 additional hours from the list below:**

- CCI 150 - Communication in an Information Age
- Any INSC courses not listed above. **Students must complete at least two INSC 400-level courses (six credit hours) to earn the minor in information sciences.**

*Rationale: Currently, students can earn the information sciences minor without taking any 400-level course. Impact on other units: None. Financial impact: None.*

*Note: This would be a low-impact change with a deadline of December 1 because this new addition does not indicate substantial change to the program content.*

## SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Communication – Journalism and Electronic Media Major

Term 1	Hours	Milestone Notes
ENGL 101* or ENGL 118*, <del>ENGL 131*</del> , or <del>ENGL 198*</del>	3	Natural Sciences* or Quantitative Reasoning* Elective
JREM 175	3	
<sup>1</sup> Natural Sciences Electives*	3-4	
PSYC 110* or PSYC 117*	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 2		
ENGL 102*, <del>ENGL 132*</del> , <del>ENGL 290*</del> , or <del>ENGL 298*</del>	3	ENGL 101*, <del>or</del> ENGL 118*, <del>ENGL 131*</del> , or <del>ENGL 198*</del>
JREM 200*	3	JREM 175
<sup>1</sup> Natural Sciences Electives*	3-4	
POLS 101*, POLS 102*, or POLS 107*	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 3		
<sup>3</sup> Cultural Studies Elective*	3	ENGL 102*, <del>ENGL 132*</del> , <del>ENGL 290*</del> or <del>ENGL 298*</del> <del>JREM 200*</del>
<sup>4</sup> English Literature Elective*	3	Natural Sciences* or Quantitative Reasoning* Elective
<del>ECON 201* or ECON 207*</del> <sup>5</sup> <del>Intermediate Foreign Language*</del>	<del>4</del> 3	<del>JREM 200*</del>
JREM 220 or JREM 230	3	
<sup>5</sup> <sup>6</sup> Arts and Sciences Elective	3	
Term 4		
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	JREM 220 or JREM 230
<sup>3</sup> Cultural Studies Elective*	3	
<sup>7</sup> <del>Journalism and Electronic Media Elective</del> <del>ECON 201* or ECON 207*</del>	<del>3</del> 4	
<sup>4</sup> English Literature Elective*	3	
<sup>5</sup> <del>Arts and Sciences Elective</del> <del>Intermediate Foreign Language*</del>	3	
Term 5		
<del><sup>6</sup>Arts and Sciences Elective</del>	3	English Literature Elective*
<del><sup>7</sup>College Elective</del>	3	
<del><sup>7</sup> <sup>8</sup>Journalism and Electronic Media Elective</del>	3	
<del><sup>8</sup> <sup>9</sup>Political Science Elective</del>	3	
<del><sup>9</sup> <sup>10</sup>General Electives</del> <del>Elective</del>	<del>6</del> 4	
Term 6		

<sup>5</sup> <sup>6</sup> Arts and Sciences Elective	3	No milestones
<sup>7</sup> <sup>8</sup> Journalism and Electronic Media Electives	<del>6</del> <sup>9</sup>	
JREM 367 or JREM 410	<del>3</del>	
<sup>9</sup> <sup>10</sup> General <del>Electives Elective</del>	<del>1-5</del> <sup>0-4</sup>	
<b>Term 7</b>		
JREM 466	3	No milestones
<sup>6</sup> <sup>7</sup> College Elective	3	
<sup>7</sup> <sup>8</sup> Journalism and Electronic Media Elective	3	
<del>JREM 367 or JREM 410</del>	<del>3</del>	
JREM 400, JREM 492	5	
<b>Term 8</b>		
<sup>5</sup> <sup>6</sup> Arts and Sciences Electives	6	No milestones
<sup>7</sup> <sup>8</sup> Journalism and Electronic Media Elective	3	
JREM 495	1	
JREM 499	3	
<b>TOTAL</b>	<b>120</b>	

<sup>1</sup> Select two science courses from the University General Education list. At least one course must be a lab science.

<sup>2</sup> Chosen from MATH 113\* or MATH 117\*, MATH 115\*, MATH 123\*, MATH 125\*, MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 151\*, MATH 152\*; STAT 201\* or STAT 207\*.

<sup>3</sup> Chosen from AFST 235\*, AFST 236\*; ANTH 120\* or ANTH 127\*; ~~CLAS 201\*~~; ~~GLBS 250\*~~; HIEU 241\* or HIEU 247\*, HIEU 242\* or HIEU 248\*, HILA 255\*, HILA 256\*, HIST 261\* or HIST 267\*, HIST 262\* or HIST 268\*; ~~HSP 368\*~~; ~~MFL 200\*~~; MRST 201\*, MRST 202\*; ~~REST 101\*~~; ~~REST 102\*~~; ~~SOCI 250\*~~; ~~UNHO 277\*~~; ~~UNHO 278\*~~.

<sup>4</sup> Chosen from ENGL 201\* or ENGL 207\*, ENGL 202\* or ENGL 208\*, ENGL 206\*, ENGL 221\*, ENGL 222\*, ENGL 225\*, ENGL 226\*, ENGL 231\* or ENGL 237\*, ENGL 232\* or ENGL 238\*, ENGL 233\*, ENGL 247\* or ENGL 251\*, ENGL 248\* or ENGL 252\*, ENGL 253\* or ENGL 258\*, ENGL 254\*, ENGL 281\*.

<sup>5</sup> ~~Fifteen hours in the College of Arts and Sciences. Six hours of the same intermediate foreign language.~~

<sup>6</sup> ~~Six hours in the College of Communication and Information, including Journalism and Electronic Media. Fifteen hours in the College of Arts and Sciences.~~

<sup>7</sup> ~~Six courses (18 hours) of journalism and electronic media. Students are encouraged to select courses from a specialty area including sports journalism, science journalism, media management, print/web journalism, broadcast journalism, visual communication, and magazine journalism. Six hours in the College of Communication and Information, including Journalism and Electronic Media.~~

<sup>8</sup> ~~Chosen from any upper-division political science course. Six upper-level courses (18 hours) of journalism and electronic media. Students are encouraged to select courses from a specialty area including sports journalism, science journalism, media management, print/web journalism, broadcast journalism, visual communication, and magazine journalism.~~

<sup>9</sup> ~~Chosen from any course not taught in advertising, communication and information, journalism and electronic media, or public relations. Chosen from any upper-division political science course.~~

<sup>10</sup> ~~Chosen from any course not taught in advertising, communication and information, journalism and electronic media, or public relations.~~

\* Meets University General Education Requirement.

*Rationale: The program has encountered many students who struggle with the Foreign Language requirement. This requirement has resulted in delayed graduations and students end*

up taking an online language course at a two-year college. This requirement is viewed as no longer needed for our majors.

Removal of Intermediate Foreign Language (6 credit hours) requirement. Increase of General Elective credit hours to address this change. Change in Milestone requirements grid to better reflect the revised changes.

## COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES

All changes effective Fall 2020

### COURSE CHANGES

#### DEPARTMENT OF CHILD AND FAMILY STUDIES

##### (CFS) Child and Family Studies

##### Student Learning Outcomes

1. Students will demonstrate an understanding and knowledge of child and adolescent development
2. Students will demonstrate an understanding of contemporary family processes and transitions in the context of marriage and parenting.
3. Students in the Community Outreach track will demonstrate the ability to interact professionally and work effectively with children and families in diverse community contexts.
4. Students in the Teacher Licensure track will apply the knowledge and skills appropriate to practice in settings with young children.

Low-  
impact:  
Revise  
course

#### REVISE COMMENT(S)

##### CFS 470 Practicum: Pre-K Teaching (6-12)

*Comments(s): Fall and spring practicum placements begin on the first day of registration and end on the last day of the final examination period. The practicum follows the Early Learning Center for Research and Practice calendar. Summer practicum begins the day following spring commencement and ends on the last day of summer term. Priority for summer practicum is given to students who have completed all other program requirements, except practicum, prior to the summer session.*

*Formerly: Comments(s): Fall and spring practicum placements begin on first day of registration and end on the last day of the final examination period. The practicum follows the ELC calendar and does not include fall or spring breaks. Summer practicum begins the day following spring commencement and ends on the last day of summer term. Priority for summer practicum is given to students who have completed all other program requirements, except practicum, prior to the summer session.*

##### Supporting Information

*Rationale: CFS 470 takes place at the UT Early Learning Center (ELC). The proposed change will align the 470 practicum schedule with the ELC calendar, which does not always overlap with the UT academic calendar. This change is intended to reduce confusion among students as to which calendar they will follow when they are enrolled in 470. Impact on Other Units: The proposed change does not drop or alter courses required by other programs. Financial Impact: This change will not affect the department or college budget and will not impact staffing. No additional faculty or GTAs will be needed. This change will not increase the workload of existing faculty and will not require additional resources.*

*Additional Documentation: This change does not require additional approval - not a substantive change.*

#### DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES

**(KNS) Kinesiology**

Learning objectives for the BS in Kinesiology:

1. Students will demonstrate an understanding of key disciplinary knowledge.
2. Students will use disciplinary knowledge in practical settings related to the major.
3. Students will demonstrate capacity for critical thinking.

Mid-  
impact:  
Drop  
Course

**DROP COURSE****KNS 100 Orientation to Kinesiology (1)***Supporting Information*

*Rationale: A review of the curriculum by the faculty determined the kinesiology entry level course needed to change to 3 credits, a full semester, course description, and moved to sophomore year where it is normally take. Due to all of these changes, it was determined that this course should be dropped and a new course added. Impact on other units: This will not impact units beyond the Kinesiology major. Financial Support: This change will not impact department or college budgets. Additional Documentation: No additional approvals are required for this change.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****KNS 200 Introduction to Kinesiology (3)**

This course is an introduction to the discipline of Kinesiology. It provides an overview of the history of the field, career options, professional development within the field, and instructs students how to successfully navigate the Kinesiology major at UT. Additionally, students will learn introductory material from each sub-discipline of Kinesiology (Biomechanics, Exercise Physiology, Epidemiology, Sport Psychology, and Motor Behavior).

*Supporting Information*

*Rationale: A review of the curriculum by the faculty, determined the kinesiology entry level course needed to change to 3 credits and taught as a full semester course in order to cover needed content. The course will also be moved to a 200-level course because students have historically taken the course their sophomore year. Impact on other units: This will not impact units beyond the Kinesiology major. Financial Support: The course will be taught as part of the normal teaching load of a current faculty or staff.*

*Additional Documentation: No additional approvals are required for this change.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S) (multiple courses)****KNS 260 Practicum in Kinesiology (1)**

First practicum experience to support and clarify career goals.

(RE) Prerequisite(s): KNS 200.

*Formerly: (RE) Prerequisite(s): KNS 100.*

**KNS 332 Applied Anatomy (3)**

(RE) Prerequisite(s): KNS 200 or RSM 201.

*Formerly: (RE) Prerequisite(s): KNS 100 or Recreation and Sport Management 201.*

**KNS 350 Physical Activity Epidemiology (3)**

(RE) Prerequisite(s): KNS 200 or NUTR 100.

*Formerly: (RE) Prerequisite(s): KNS 100 or Nutrition 100.*

**KNS 431 - Psychosocial Aspects of Youth Sport (3)**



(RE) Prerequisite(s): KNS 200 or RSM 250.

Formerly: (RE) Prerequisite(s): KNS 100 or Recreation and Sport Management 250.

*Support Information*

*Rationale: A review of the curriculum by the faculty determined the kinesiology entry level course, KNS 100, needed to change to 3 credits, a full semester, course description, and moved to sophomore year where it is normally take. Because of all of these changes, it was determined that KNS 100 should be dropped and a new course added KNS 2XX (200). The prerequisites for these courses need to reflect this change. Impact on other units: This will not impact units beyond the Kinesiology major. Financial Support: This change will not impact department or college budgets*

*Additional Documentation: No additional Approvals are required for this change.*

**(PYED) Physical Education**

Mid-  
impact:  
Drop  
Course

**DROP COURSES (multiple courses)**

**PYED 215 Martial Arts Aikido (1)**

**PYED 219 Martial Arts Aikido Sword & Staff (1)**

**PYED 221 Martial Arts Budo (1)**

*Supporting Information*

*Rationale: PYED 215, PYED 219, and PYED 221 were added due to a particular skill set of a faculty member. The faculty member is no longer in the department. There are no plans of offering these courses. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: There will be no impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:  
Drop  
Course

**DROP COURSES (multiple courses)**

**PYED 241 Martial Arts: Tai Chi Sword (2)**

*Supporting Information*

*Rationale: The course has not been offered in over 5 years, and there are no plans to offer the course in the future. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: There will be no impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

**PYED 242 Outdoor Activity (1)**

**PYED 246 Outdoor Leadership (2)**

*Supporting Information*

*Rationale: PYED 242 and PYED 246 were offered in partnership with the TREC. They have not been offered in over 5 years, and there are no intention to offer them in the future. Impact on other units: This course will not affect any other departments or programs outside of PYED.*

*Financial Support: There will be no impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PYED 250 Beginning Weight Training (1)**

Introduction to the principles of muscular strength and endurance development for all major muscle groups through education on basic free weight and machine exercises.

##### *Supporting Information*

*Rationale: The entering skill level and knowledge of students entering the “regular” Weight Training course varies greatly so in order to teach at a level appropriate to build very limited knowledge, we would like to offer a beginning course. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional Approvals are required for this change.*

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION

#### **PYED 252 Weight Training (1)**

This course will educate students in muscular strength and endurance training including: proper form, variation of exercises, and principles of a regular strength training routine. Students should have taken PYED 250 or have some experience with weight training.

*Formerly: Introduction to the principles of muscular strength and endurance development for all major muscle groups through the use of free weights and machines.*

##### *Supporting Information*

*Rationale: A course description change is necessary to reflect course content and student learning objectives. Director review of course content and student learning objectives necessitates the course description change. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: Change in title of course. There will be not impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION

#### **PYED 270 Adaptive Recreation (1)**

Introduction to adaptive recreation and play for individuals with and without disabilities in an inclusive environment.

*Formerly: Introduction to adaptive sports, rules, scoring, and individual and team fundamentals in an inclusive environment necessary for recreational and competitive participation.*

##### *Supporting Information*

*Rationale: A course description change is necessary to reflect course content and student learning objectives. Faculty review of course content and student learning objectives necessitates the course description change. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: Change in title of course. There will be not impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **PYED 271 Adaptive Sports (1)**

Introduction to adaptive sports, rules, scoring, and individual and team fundamentals in an inclusive environment necessary for recreational and competitive participation for individuals with and without disabilities.

*Supporting Information*

*Rationale: Additional course in the PEAP program's adaptive recreation series designed for disabled and able bodied students to provide students with additional opportunities for experience and education in adaptive recreation. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional approvals are required for this change.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****PYED 272 Wheelchair Sports (1)**

Participation in adaptive sports that require the use of a sports wheelchair with emphasis on competitive participation. Sports wheelchairs will be provided to students of all abilities regardless of impairment or disabling condition.

*Supporting Information*

*Rationale: Additional course in the PEAP program's adaptive recreation series designed for disabled and able bodied students to provide students with additional opportunities for experience and education in adaptive recreation. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional Approvals are required for this change.*

Low-  
impact:  
Revise  
course

**REMOVE (RE) PREREQUISITE(S)****PYED 273 Intermediate Basketball (1)**

*Formerly: (RE) Prerequisite(s): PYED 249.*

*Supporting Information*

*Rationale: Prerequisite not required because many students have adequate experience with basketball. Prerequisite was negatively affecting enrollment. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: Change in title of course. There will be not impact on department or college budgets.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:  
Add  
Course

**ADD COURSE****PYED 274 Intermediate Soccer (1)**

The purpose of this course is to prepare students with higher-level soccer skills and concepts to enhance performance and enjoyment for competitive recreational soccer. Students should have significant soccer experience (high school level or higher) or have taken PYED 234 Soccer. A skills assessment will be given at the beginning of the class.

*Supporting Information*

*Rationale: Soccer has been offered in the PEAP program for many years and there has been interest from students to take the class again. Since PEAP courses are largely non repeatable, this class gives students the opportunity to extend their knowledge in the area of soccer. Impact on other units: This course will not affect any other departments or programs outside of PYED. Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:

**ADD COURSE**

Add  
Course

### **PYED 275 Intermediate Racquetball (1)**

The purpose of this course is to prepare students with higher-level racquetball skills and concepts to enhance performance and enjoyment for competitive recreational racquetball. Students should have significant racquetball experience or have taken PYED 232 Racquetball. A skills assessment will be given at the beginning of the class.

#### *Supporting Information*

*Rationale: Intermediate racquetball has been offered in the PEAP program for 3 semesters.*

*Racquetball has been offered in the PEAP program for many years and there has been interest from students to take the class again. Since PEAP courses are largely non repeatable, this class gives students the opportunity to extend their knowledge in the area of racquetball. Impact on other units: This course will not affect any other departments or programs outside of PYED.*

*Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional Approvals are required for this change.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

### **PYED 279 Jump Rope (1)**

Learning and practicing beginner skills, techniques, and concepts related to various jump rope disciplines

#### *Supporting Information*

*Rationale: This course has been offered as a special topics for 5 semesters as a special topics course. Impact on other units: This course will not affect any other departments or programs outside of PYED.*

*Financial Support: The course will be taught as part of a current staff, faculty, or GTA course load.*

*Additional Documentation: No additional approvals are required for this change.*

## **(RSM) RECREATION AND SPORT MANAGEMENT**

Learning objectives for the Recreation and Sport Management BS program:

1. Students will apply sport management and therapeutic recreation principles in professional settings.
2. Students will illustrate current knowledge and skills necessary for practice in therapeutic recreation.
3. Students will understand the foundational knowledge and skills needed in the sport management and therapeutic recreation profession.
4. Students will demonstrate capacity for critical thinking.

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE CREDIT HOURS, REVISE DESCRIPTION**

### **RSM 201 Foundations of Recreation (3)**

Introduction to the recreation profession focusing on understanding concepts, philosophy, career opportunities, and professional practices in recreation service industries.

*Formerly: RSM 201 Foundations of Recreation and Principles of Leadership (4)*

*Introduction to the recreation profession focusing on understanding concepts, philosophy, career opportunities, and professional practices in recreation service industries. Required lab focuses on application and practice of theories of leadership.*

#### *Supporting Information*

*Rationale: The course change reflects changes in course content and requirements. The faculty met and reviewed the course content and requirements and agree on this change. The course was redesigned with a focus on the foundational principles of recreation and the leadership component was dropped which was the lab piece. This change is not driven by the SACs Assessment. Impact on Other Units: This course is required for the Recreation and Sport*

Low-  
impact:  
Revise  
course

*Management major -Therapeutic Recreation concentration only and does not impact other units. Financial Impact: This change will not have any financial or faculty resource impacts. Additional Documentation: This is a low impact revision that does not require additional approval.*

### **REVISE GRADING RESTRICTION (multiple courses)**

#### **RSM 290 Sport Management Practicum I (3)**

*Grading Restriction: Letter grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

#### **RSM 294 Therapeutic Recreation Practicum I (3)**

*Grading Restriction: Letter grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

#### **Supporting Information**

*Rationale: Effective Fall 2020, when a student receives the NC grade in a course with ABC/NC grading, the state will require the university to report an actual letter grade of C-minus or below for that student. The actual letter grade of C-minus or below will be used in computing the student's HOPE GPA. This mandate has been imposed by the Tennessee Student Assistance Corporation (TSAC), which administers the HOPE scholarship program. Because no other institution in the state has ABC/NC courses, TSAC considers UTK students to have an "unfair advantage" in maintaining HOPE eligibility. Thus, the grading for this course is being converted from ABC/NC to A-F grading. Impact on other units: This will not impact units beyond the Recreation and Sport Studies major. Financial Support: This will not have any effect on department or college budgets.*

*Additional Documentation: No additional documentation needed.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **RSM 338 - Applied Ethics in Recreation and Sport (3)**

*(RE) Prerequisite(s): RSM 201 or RSM 250 or KNS 200.*

*Formerly: (RE) Prerequisite(s): 201 or 250 or Kinesiology 100.*

*Rationale: KNS 100 was dropped and replaced with KNS 200. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION**

#### **RSM 360 Sport Governance (3)**

*Focus on the organizational structure and functions of governing bodies to include youth sport, scholastic sport, community recreation, collegiate sport, professional sport, and international sport.*

*Formerly: Focus on the organizational structure, authority, and functions of governing bodies.*

#### **Supporting Information**

*Rationale: The course description is being modified to be more descriptive of the actual course content. Impact on Other Units: This course does not affect other units. Financial Impact: This change will not have any financial or faculty resource impacts.*

*Additional Documentation: This is a low impact revision that does not require additional approval.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **RSM 370 - Event Management (3)**

(RE) Prerequisite(s): RSM 201 or RSM 250 or KNS 200.

Formerly: (RE) Prerequisite(s): 201 or 250 or Kinesiology 100.

Rationale: KNS 100 was dropped and replaced with KNS 200. Impact on other units: None.

Financial impact: None.

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION (multiple courses)**

#### **RSM 390 Sport Management Practicum II (3)**

Grading Restriction: Letter grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

#### **RSM 394 Therapeutic Recreation Practicum II (3)**

Grading Restriction: Letter grading only.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

#### **Supporting Information**

Rationale: Effective Fall 2020, when a student receives the NC grade in a course with ABC/NC grading, the state will require the university to report an actual letter grade of C-minus or below for that student. The actual letter grade of C-minus or below will be used in computing the student's HOPE GPA. This mandate has been imposed by the Tennessee Student Assistance Corporation (TSAC), which administers the HOPE scholarship program. Because no other institution in the state has ABC/NC courses, TSAC considers UTK students to have an "unfair advantage" in maintaining HOPE eligibility. Thus, the grading for this course is being converted from ABC/NC to A-F grading. Impact on other units: This will not impact units beyond the Recreation and Sport Studies major. Financial Support: This will not have any effect on department or college budgets.

Additional Documentation: No additional documentation needed.

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **RSM 405 - Therapeutic Recreation in Public Schools (3)**

(RE) Prerequisite(s): RSM 201 or KNS 200.

Formerly: (RE) Prerequisite(s): 201 or Kinesiology 100.

#### **RSM 415 - Facility Planning and Development (3)**

(RE) Prerequisite(s): RSM 201 or RSM 250 or KNS 200.

Formerly: (RE) Prerequisite(s): 201 or 250 or Kinesiology 100.

Rationale: KNS 100 was dropped and replaced with KNS 200. Impact on other units: None.

Financial impact: None.

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **RSM 430 Administration of Therapeutic Recreation Services (3)**

Principles of administration applied to provision of recreation services for persons with disabilities offered by public, private, non-profit, and/or commercial enterprises. Topics covered in the course include managing and leading, organizational behavior, human resource management, diversity



and inclusive excellence, legal issues, budgeting and fiscal procedures, strategic partnership development, principals of local and regional planning, ethics and professional responsibility, technology and research, and career management.

*(RE) Prerequisite(s): RSM 201.*

*Formerly: RSM 430 Organization and Administration of Recreation Services (3)  
Principles of administration applied to provision of recreation services offered by public, private, non-profit, and/or commercial enterprises. Organizational structures, human resource management, diversity, evaluation, legal authority, introduction to budgeting and fiscal procedures, professional responsibility, and career management.  
(RE) Prerequisite(s): 201 or 250.*

#### *Supporting Information*

*Rationale: A course description change is necessary to reflect a change in the content of the course will be Therapeutic Recreation focused only. Faculty review of course content and student learning outcomes necessitates the course description change.*

*Impact on Other Units: This change impacts the KNS major. It is an option for professional or departmental elective.*

*Financial Impact: This change will not have any financial or faculty resource impacts.*

*Additional Documentation: This is a low impact revision that does not require additional approval.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **RSM 450 - Legal Aspects of Sport (3)**

*(RE) Prerequisite(s): RSM 201 or RSM 250 or KNS 200.*

*Formerly: (RE) Prerequisite(s): 201 or 250 or Kinesiology 100.*

*Rationale: KNS 100 was dropped and replaced with KNS 200. Impact on other units: None.*

*Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION (multiple courses)**

#### **RSM 490 Sport Management Internship (6-12)**

*Grading Restriction: Letter grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

#### **RSM 494 Therapeutic Recreation Internship (6-12)**

*Grading Restriction: Letter grading only.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

#### *Supporting Information*

*Rationale: Effective Fall 2020, when a student receives the NC grade in a course with ABC/NC grading, the state will require the university to report an actual letter grade of C-minus or below for that student. The actual letter grade of C-minus or below will be used in computing the student's HOPE GPA. This mandate has been imposed by the Tennessee Student Assistance Corporation (TSAC), which administers the HOPE scholarship program. Because no other institution in the state has ABC/NC courses, TSAC considers UTK students to have an "unfair advantage" in maintaining HOPE eligibility. Thus, the grading for this course is being converted from ABC/NC to A-F grading.*

*Impact on other units: This will not impact units beyond the Recreation and Sport Studies major.*

*Financial Support: This will not have any effect on department or college budgets.*

*Additional Documentation: No additional documentation needed.*



## DEPARTMENT OF NUTRITION (NUTR) Nutrition

Learning objectives for the BS in Nutrition

1. Students enrolled in the Didactic Program in Dietetics (DPD) will demonstrate readiness for success in an accredited supervised practice program.
2. Students will demonstrate readiness for graduate study or entry into health professional programs.
3. Upon completing the program, the student will demonstrate the ability to apply the science of nutrition in individual, clinical, and community settings.
4. Upon completing the program the student will be able to apply critical thinking skills to solve problems.

Low-  
impact:  
Revise  
course

### REVISE TITLE, REVISE DESCRIPTION

#### **NUTR 410 Professional Issues in Nutrition and Dietetics (1)**

Code of ethics, professional behavior including leadership/teamwork, scope of practice/standards of professional practice, governance, licensure, payment systems (coding/billing), development of professional e-portfolio.

*Formerly: NUTR 410 Professional Issues in Dietetics (1)*

*Dietetic registration and licensure. Third party payments, dietetic practice, and marketing dietetics. Internship application preparation. Public policy in dietetic practice.*

#### *Supporting Information*

*Rationale: As a part of the broader revision of the ACEND-accredited undergraduate and graduate programs, the title, course description, and content of NUTR 410 is being updated to better reflect current accreditation competencies addressed within the course.*

*Impact on Other Units: None. This course is available to NUTR students only and should not impact other units.*

*Financial Impact: None. This course will continue to be taught as part of the normal course load of existing faculty.*

*Additional Documentation: No additional approval is required for this change. This change is not substantive and does not need to be reported to SACSCOC. This change addresses SLO #1.*

Low-  
impact:  
Revise  
course

### REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)

#### **NUTR 415 Clinical Nutrition I (3)**

Nutritional genomics in practice; obesity, diabetes, cardiovascular disease, and cancer risk factors, prevention, pathophysiology, treatment, and evidence-based nutrition intervention. (RE) Prerequisite(s): 313, 314, and 315, with a C or better.

*Formerly: Pathophysiological basis and nutritional assessment and intervention in chronic diseases in humans.*

*(RE) Prerequisite(s): 313 and 314, with a C or better.*

#### *Supporting Information*

*Rationale: As a part of the broader revision of the ACEND-accredited undergraduate and graduate programs, content of the two previously-existing Clinical Nutrition courses (NUTR 415 and 416) is being redistributed across four courses, including NUTR 315 Nutrition Assessment and NUTR 516 Clinical Nutrition III, both of which were approved last year (for the 2019-2020 catalogs). At this time, NUTR 415 and 416 course descriptions and content are being revised for full implementation of these changes in the 2020-2021 catalog, hence the revision to the course description. NUTR 315 includes content which has constituted the first half of NUTR 415, thus 315 is proposed for addition as a prerequisite to 415.*

Low-  
impact:  
Revise  
course

*Impact on Other Units: None. This course is available to NUTR students only and should not impact other units.*

*Financial Impact: None. This course will continue to be taught as part of the normal course load of existing faculty.*

*Additional Documentation: No additional approval is required for this change. This change is not substantive and does not need to be reported to SACSCOC. This change addresses all four SLOs for the BS in Nutrition.*

### **REVISE DESCRIPTION**

#### **NUTR 416 Clinical Nutrition II (3)**

Introduction to methods and calculations in nutrition support. Diagnosis, pathophysiology, management, evidence-based guidelines for nutrition intervention, and case scenario discussion of diseases and disorders including those of the GI tract, liver and biliary system, exocrine pancreas, neurological diseases and disorders, pulmonary disease.

*Formerly: Pathophysiological basis and nutritional assessment and intervention in acute disease and other critical care conditions.*

#### *Supporting Information*

*Rationale: As a part of the broader revision of the ACEND-accredited undergraduate and graduate programs, content of the two previously-existing Clinical Nutrition courses (NUTR 415 and 416) is being redistributed across four courses, including NUTR 315 Nutrition Assessment and NUTR 516 Clinical Nutrition III, both of which were approved last year (approved for the 2019-2020 catalogs). At this time, NUTR 415 and 416 course descriptions and content are being revised for full implementation of these changes in the 2020-2021 catalog, hence the revision to the course description.*

*Impact on Other Units: None. This course is available to NUTR students only and should not impact other units.*

*Financial Impact: None. This course will continue to be taught as part of the normal course load of existing faculty.*

*Additional Documentation: No additional approval is required for this change. This change is not substantive and does not need to be reported to SACSCOC. This change addresses all four SLOs for the BS in Nutrition.*

## **DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION**

Student Learner Outcomes: Deaf Education Major, BS in Education – ASL Concentration

1. Proposes appropriate curricular objectives based on State and/or Common Core Standards.
2. Develops instructional activities that take into account students' strengths, interests, and needs to enable each student to advance and accelerate his/her learning.
3. Combines formative and summative assessment as appropriate to support, verify, and document learning.
4. Uses current technologies to maximize content learning in varied contexts.
5. Designs a safe, positive learning climate of openness, mutual respect, support, and inquiry.
6. Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.

Student Learner Outcomes: Special Education Major, BS in Education; Interventionist/Comprehensive, Deaf/Hard of Hearing, Educational Interpreting, and Communication Disorders Concentrations

1. Planning (for Interventionist/Comprehensive and Deaf/Hard of Hearing Concentrations). Proposes appropriate curricular objectives based on State and/or Common Core Standards.
2. Instruction (for Interventionist/Comprehensive and Deaf/Hard of Hearing Concentrations). Develops instructional activities that take into account students' strengths, interests, and needs to enable each student to advance and accelerate his/her learning.

3. Assessment (for Interventionist/Comprehensive and Deaf/Hard of Hearing Concentrations). Combines formative and summative assessment as appropriate to support, verify, and document learning.
4. (For Interventionist/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Uses current technologies to maximize content learning in varied contexts.
5. Learning Environments (for Interventionist/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Designs a safe, positive learning climate of openness, mutual respect, support, and inquiry.
6. (for Educational Interpreting and Communication Disorders Majors) (From InTASC Standard 2) Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.
7. (For Educational Interpreting and Communication Disorders Majors) (from InTASC Standard 10) Seeks appropriate roles and opportunities to take responsibility for well-being of individuals with disabilities, to collaborate with students, families, colleagues, school professionals, and community members to ensure individual learner growth, and to advance well-being of individuals with disabilities.

### (ELED) Elementary Education

Mid-  
impact:  
Add  
Course

#### ADD COURSE

##### **ELED 351S – Laboratory and Field Studies in Elementary Education (1)**

Simulated and actual experiences in which students apply concepts and skills from professional methods courses in a variety of school settings and levels.

*Grading Restriction: Satisfactory/No Credit grading only*

*Repeatability: May be repeated. Maximum 3 hours.*

*(RE) Corequisite(s): 422.*

*Registration Restriction(s): Admission to teacher education.*

*The S-subcommittee recommends approval of the S-designated course.*

### (ENED) English Education

Low-  
impact:  
Revise  
course

#### REVISE TITLE, REVISE DESCRIPTION

##### **ENED 459 Secondary English and ESL Methods (3)**

Techniques of teaching composition, language, and literature in English and English as a Second Language classrooms.

*Formerly: ENED 459 Teaching English in the Secondary School (3)*

*Techniques of teaching composition, language, and literature.*

#### **SUPPORTING INFORMATION**

*Rationale: This course is being used to satisfy completion of the new English Education/ESL Education program. State licensure requirements include a course in "ESL Methods." The content of this course is not changing, as both secondary English and ESL teaching methods are currently covered in course content. The name just needs to be changed so that "ESL Methods" appears on student transcripts.*

*Impact on other units: The proposed change does not affect any other programs or course offerings. The course is a required course for ENED/ESL dual certification in the MS Educational Studies program and a popular class among other students seeking English endorsement. The course is neither a prerequisite or corequisite for other courses. The course is not cross listed.*

*Financial Impact: None because we are only changing the title and description of an existing course.*

*Additional documentation: This change is necessary to comply with state licensing requirements. The change is not substantive and does not need to be reported to SACSCOC.*

### (REED) Reading Education

Low-  
impact:  
Revise  
course

#### **REVISE DESCRIPTION, REMOVE REGISTRATION RESTRICTION**

##### **REED 330 Using Children's Literature to Support Instructional Practices and Motivate Students to Read (3)**

You will gain a deeper understanding and appreciation of a wide range of children's literature and how these books can support your instructional practices. This body of high-quality literature will motivate your students to read and to want to read.

*Formerly: Future teachers will gain a deeper understanding and appreciation of a wide range of children's literature and how these books can support instructional practices. This body of high quality literature will motivate students to read and to want to read. Registration Restriction(s): Admission to teacher education.*

#### **SUPPORTING INFORMATION**

*Rationale: When we moved the course over from INSC department to REED we added the registration restriction thinking that we could not support instruction for students other than those admitted to teacher education. Instead, we have placed undue barriers to students who plan on pursuing the elementary education minor, but have not completed enough hours to apply to the program. We determined the best course of action would be to open registration to all interested students.*

*Impact on other units: This course is only required for the ELED program and is not a gen ed or high demand course. It should not have any impact on other units.*

*Financial impact: none as this course is already offered and taught by existing faculty.*

*Additional documentation: The change is not substantive and does not need to be reported to SACSCOC.*

*Short title: Teaching Children's Literature*

Low-  
impact:  
Revise  
course

#### **REVISE DESCRIPTION**

##### **REED 434 Elementary Literacy 3-5 (3)**

Methods, materials, basic approaches, skill development and assessment procedures for teaching reading at the grade 3-5 level.

*Formerly: Methods, materials, basic approaches, skill development and assessment procedures for teaching reading at the K-2 elementary school level.*

#### **SUPPORTING INFORMATION**

*Rationale: We are changing the course description to match the title and content of the course.*

*Impact on other units: This course is only required for the ELED program and is not a gen ed or high demand course. It should not have any impact on other units.*

*Financial impact: none as this course is already offered and taught by existing faculty.*

*Additional documentation: The change is not substantive and does not need to be reported to SACSCOC.*

### (SCED) Science Education

Low-  
impact:

#### **REVISE TITLE**

Revise  
course

### **SCED 496 Teaching Science in the Secondary School (3)**

*Formerly: SCED 496 Teaching Science Grades 7-12 (3)*

#### **SUPPORTING INFORMATION**

*Rationale: When this course title was developed, the term “secondary school” was defined as grades 7-12. The TN Department of Education revised the grade bands for licensure since then. This course title change reflects the focus of the course as meeting the needs of secondary teacher candidates without attributing the term “secondary” to a specific grade band.*

*Impact on other units: There is no impact on other units because this is only a course title change that reflects the focus of the course (secondary science) rather than identifying a particular grade band targeted in the course.*

*Financial Impact: None as this is just a title change.*

*Additional documentation: No additional approvals needed. The change is not substantive and does not need to be reported to SACSCOC.*

### **(SPED) Special Education**

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S), REMOVE COMMENT, AND REVISE REGISTRATION RESTRICTION TO ARCHIVED COURSE**

#### **SPED 300 Introduction to Special Education Teaching Principles (3)**

Teacher candidates participate in on-campus learning as well as observing and assisting in a field placement setting. Key principles of special education law and introductory principles of special education instruction are reviewed with emphasis on application in classroom settings. Assessments are designed to provide knowledge of special education principles in an authentic context (e.g., processes for eligibility, IEPs, RTI screening processes).

*(RE) Corequisite(s): 402.*

*Registration Restriction(s): Registration restricted to Special Education Major.*

*FORMERLY: Teacher candidates participate in on-campus learning as well as observing and assisting in a clinical placement setting. Key principles of special education law and introductory principles of special education instruction are reviewed with emphasis on application in classroom settings. Assessments are designed to provide knowledge of special education principles in an authentic context (e.g., processes for eligibility, IEPs, RTI screening processes).*

*(RE) Prerequisite(s): 402.*

*Comment(s): This course is open only to students interested in special education.*

*Registration Restriction(s): Admission to teacher education.*

#### **SUPPORTING INFORMATION**

*Rationale: The requested changes are small wording changes to:*

*Replace the phrase “clinical experience” with “field experience.” This change is being requested in all of our undergraduate programs to be reflective of accreditation language that considers “clinical” experience only that which is completed as a full student teaching or internship experience completed immediately before licensure. This is not the purpose of this course, so we need to change the language to be more accurate.*

*We also want to remove the comment because it is not needed due to the registration restrictions. We have changed the prereq to a coreq to allow students to take both courses at the same time as it is not necessary for SPED 402 to be taken prior to taking this course.*

*Impact on other units: None. This course is only required in our program.*

*Financial impact: None as the course is already taught by existing faculty.*

*Additional documentation: No additional approval needed. This is not a significant change and does not need to be reported to SACSCOC.*

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S), REMOVE COMMENT, AND REVISE REGISTRATION RESTRICTION**

**SPED 300N Introduction to Special Education Teaching Principles (3)**

Teacher candidates participate in on-campus learning as well as observing and assisting in a field placement setting. Key principles of special education law and introductory principles of special education instruction are reviewed with emphasis on application in classroom settings. Assessments are designed to provide knowledge of special education principles in an authentic context (e.g., processes for eligibility, IEPs, RTI screening processes).

(RE) Corequisite: 402.

Registration Restriction(s): Registration restricted to Special Education Major.

*FORMERLY: Teacher candidates participate in on-campus learning as well as observing and assisting in a clinical placement setting. Key principles of special education law and introductory principles of special education instruction are reviewed with emphasis on application in classroom settings. Assessments are designed to provide knowledge of special education principles in an authentic context (e.g., processes for eligibility, IEPs, RTI screening processes).*

(RE) Prerequisite(s): 402.

Comment(s): This course is open only to students interested in special education.

Registration Restriction(s): Admission to teacher education.

**SUPPORTING INFORMATION**

Rationale: The requested changes are small wording changes to:

Replace the phrase "clinical experience" with "field experience." This change is being requested in all of our undergraduate programs to be reflective of accreditation language that considers "clinical" experience only that which is completed as a full student teaching or internship experience completed immediately before licensure. This is not the purpose of this course, so we need to change the language to be more accurate.

We also want to remove the comment because it is not needed due to the registration restrictions. We have changed the prereq to a coreq to allow students to take both courses at the same time as it is not necessary for SPED 402 to be taken prior to taking this course.

Impact on other units: None. This course is only required in our program.

Financial impact: None as the course is already taught by existing faculty.

Additional documentation: No additional approval needed. This is not a significant change and does not need to be reported to SACSCOC.

**PROGRAM CHANGES**

**Department of Child and Family Studies**

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS**

**Requirements for the Bachelor of Science in Health and Human Sciences – Child and Family Studies Major – Community Outreach Track**

**Areas of Emphasis**

Advanced Child Development

- PSYC 300 – Child Psychology
- PSYC 474 – Theories and Research in Child Development

Families in Community Context



- **PSYC 472 – Psychology of Trauma**

#### Children and Learning

- ~~INSC 330 – Books and Related Materials for Children~~
- **REED 330 - Using Children's Literature to Support Instructional Practices and Motivate Students to Read**

#### Supporting Information

*Rationale: The undergrad committee has been in touch with Psychology's department head and, after checking with their advising director, Ashleigh Powers, they approve having these classes added to the Areas of Emphasis lists (see attached e-mail). Impact on Other Units: The proposed change does not drop or alter courses required by other programs. The College of Communication and Information is dropping INSC 330 effective fall 2020. Financial Impact: This change will not affect the department or college budget. There will be no impact on staffing and no additional faculty or GTAs will not be needed. This change will not increase the workload of existing faculty and will not require additional resources.*

*Additional Documentation: This change does not require additional approval - not a substantive change.*

#### **REVISE REQUIREMENTS**

#### **Requirements for the Bachelor of Science in Health and Human Sciences – Child and Family Studies Major – Early Childhood Education Teacher Licensure Pre K-3 Track**

<b>Term 5</b>		
CFS 320, <sup>3</sup> CFS 350, CFS 385, CFS 395	13	Intermediate Foreign Language Elective*
<sup>3</sup> <del>REED 330</del> <del>INSC 330</del>	3	

#### Supporting Information

*Rationale: Beginning Fall 2019, the course titled, "Books and Related Materials for Children" changed from INSC 330 to REED 330. Impact on Other Units: The proposed change does not drop or alter courses required by other programs. Financial Impact: This change will not affect the department or college budget. There will be no impact on staffing and no additional faculty or GTAs will not be needed. This change will not increase the workload of existing faculty and will not require additional resources.*

*Additional Documentation: This change does not require additional approval - not a substantive change.*

### **DEPARTMENT OF EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

#### **REVISE REQUIREMENTS**

#### **Leadership Studies Minor**

#### **Minor Requirements:**

#### **Electives\*\***

#### **Select 3 hours from:**

- ~~PYED 246 – Outdoor Leadership~~

*Rationale: PYED 246 is being dropped; therefore, it must be removed from this list.*

### **DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES**

Low-  
impact:  
Revise  
program

Low-  
impact:  
Revise  
program



Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Kinesiology Major, BS in Education

#### Major Requirements and Rules Advising Transition

Academic advising for freshmen, sophomores, and **new** transfer students in the Kinesiology major occurs in the College of Education, Health, and Human Sciences Office of Advising & Student Services (BEC 332). ~~To transition from college to department advising, the student must complete an application form and submit it to department advising staff (322 HPER or via email to the staff member listed on the application). College and department advising staff will assist students making this transition. A student will transition to KRSS Department advising after he/she completes the following U-track milestones:~~

~~uTrack students will transition from college to department advising upon completion of the following:~~

- ~~Maintains a~~ **A** minimum cumulative UT GPA of 2.5 after a minimum of **60** ~~45~~ hours of coursework.
- ~~Completes~~ **Completion of** MATH 125\* or MATH 141 ~~or MATH 147\*~~, **KNS 100, KNS 200, CHEM 130\*, and** **PHYS 221\*** **BCMB 230**. These are the uTrack milestones for the first four terms.
- All of these courses must be completed with a C or better. ~~to remain in good standing and continue in the major.~~  
~~Students not following the uTrack requirements must apply for transition from college to department advising prior to the completion of 75 hours of coursework. Hours earned through AP credit or dual enrollment while in high school do not count toward this total. These students must also meet the following criteria:~~
  - ~~Achievement of a minimum cumulative UT GPA of 2.5 after a minimum of 45 hours of coursework.~~
  - ~~Completion KNS 100, CHEM 120\*, and PHYS 221\*.~~
  - ~~All of these courses must be completed with a C or better.~~

~~Applications for the transition from college to department advising can be obtained by visiting HPER 322 or the Kinesiology, Recreation, and Sport Studies department website. Once the application form is approved by the department, At the end of each semester, staff of the CEHHS Office of Advising and Student Services will compile a list of students ready to change to departmental advising. Students~~ **students** ~~will be emailed a letter with the name and contact information of their new department advisor. Students will then be responsible for scheduling a meeting with their new advisor~~ **to complete this transition for an advising appointment in HPER.**

#### Minimum Grades and Required GPA for Continuation in the Major

Students who do not earn a C or better in MATH 125\* or MATH 141\*, PHYS 221\*, and KNS 332 will not be allowed to take KNS 422 - Biomechanics of Human Movement. Students who do not earn a C or better in CHEM 120\*, CHEM 130\*, and Biochemistry and Cellular and Molecular Biology 230 will not be allowed to take KNS 414 - Fitness Testing and Exercise Prescription or KNS 480 - Physiology of Exercise.

All Kinesiology courses, Professional Electives, Department Electives, MATH 125\* or MATH 141\*, CHEM 120\*, CHEM 130\*, PHYS 221\*, **PHYS 222\***, **Professional Science Elective**, and **BCMB Biochemistry and Cellular and Molecular Biology** 230 (or any course(s) used as a substitute for these requirements) must all be passed with a C or better to graduate. Kinesiology majors must maintain a cumulative UT GPA of 2.5 or higher to register for any required 400-level Kinesiology courses (KNS 414, KNS 422, and KNS 480) and to graduate.

#### Requirements for the Bachelor of Science in Education – Kinesiology Major

Term 1	Hours	Milestone Notes
<sup>1</sup> Arts and Humanities Elective*	3	2.5 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
<sup>2</sup> MATH 125* or MATH 141* or MATH 147*	3	
<sup>3</sup> Physical Education Activity Program Elective	1 2	
<sup>2,4,10</sup> Unrestricted Elective	1	
Term 2		
CHEM 130* or CHEM 138*	4	MATH 125* or MATH 141* with a grade of C or better
ENGL 102*	3	
MATH 115* or STAT 201* or STAT 207*	3	
PSYC 110* or PSYC 117*	3	
<sup>2,4,10</sup> Unrestricted Elective	1 3	
<sup>3</sup> Physical Education Activity Program Elective	1	
Term 3		
BCMB 230	5	CHEM 130* with a grade of C or better
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	KNS 200 with a C or better
KNS 200 KNS 100	3 4	
PHYS 221*	4	
<sup>3</sup> Physical Education Activity Program Elective	2	
Term 4		
<sup>1</sup> Arts and Humanities Elective*	3	BCMB 230 with a grade of C or better KNS 100 with a grade of C or better
<sup>1</sup> Cultures and Civilizations Elective*	3	PHYS 221* with a grade of C or better
KNS 260	1	
<sup>8</sup> Kinesiology Elective NUTR 100*	3	
KNS 332 PHYS 222*	3 4	
KNS 350	3	
Term 5		
ENGL 255* or ENGL 295* or ENGL 360* or JREM 450* or JREM 451* or JREM 456* or PHIL 252* or PHIL 345*	3	KNS 332 with a grade of C or better BCMB 230 with a grade of C or better
<sup>6</sup> Professional Electives	3 6	PHYS 221* with a grade of C or better
KNS 480 KNS 332	3	
<sup>1</sup> Social Sciences Elective*	3	
NUTR 100	3	
Term 6		
<sup>1</sup> Cultures and Civilizations Elective*	3	No milestones KNS 332 with a grade of C or better
KNS 414 KNS 350	3	
<sup>8</sup> Kinesiology Elective	3	
<sup>6</sup> Professional Electives	3 6	
<sup>5</sup> Department Elective	3	
Term 7		

<sup>6</sup> Professional Electives <sup>5</sup> Department Elective	3	No milestones
<sup>7</sup> <del>KNS 414</del> , <sup>7</sup> KNS 422	<del>3</del> 6	
<sup>2,4,10</sup> Unrestricted Electives	<del>3</del> 6	
<sup>9</sup> Professional Science	4	
<sup>3</sup> Physical Education Activity Program Elective	1	
<b>Term 8</b>		
<sup>5</sup> Department Elective <sup>7</sup> <del>KNS 480</del>	3	No milestones
<sup>6</sup> Professional Electives	<del>6</del> 9	
<sup>2,4,10</sup> Unrestricted Elective	<del>5</del> 3	
<sup>3</sup> Physical Education Activity Program Elective	1	
<b>TOTAL</b>	<b>120</b>	

<sup>5</sup> Select courses from KNS 231, KNS 290, KNS 331, KNS 335, KNS 365, KNS 370, KNS 380, KNS 426, KNS 431, KNS 440, KNS 450, KNS 485, KNS 490, KNS 493, KNS 497; RSM 326, RSM 335, ~~RSM 336~~, RSM 337, RSM 338, RSM 370, RSM 405, RSM 415, RSM 424, RSM 426, RSM 450. Students must earn a C or better in these courses.

<sup>6</sup> Select courses from ACCT 200; ANTH 480; any BCMB course; BIOL 101\*, BIOL 102\*, BIOL 150\*, BIOL 160\*, BIOL 159\*, BIOL 220, BIOL 229, BIOL 240, BIOL 260, BIOL 269; CFS 210\*; CHEM 260, CHEM 268, ~~CHEM 269~~, ~~CHEM 359~~, CHEM 360, CHEM 368, ~~CHEM 369~~; CLAS 273; COSC 100\*; ECON 201\*; EEB 240; FINC 300; KNS 231, KNS 290, KNS 331, KNS 334, KNS 335, KNS 365, KNS 370, KNS 380, KNS 426, KNS 431, KNS 440, KNS 450, KNS 485, KNS 490, KNS 493, KNS 497; MARK 300; MGT 201, MGT 300; MICR 210\*; NURS 201, NURS 351; NUTR 302; PHIL 244\*, PHIL 252\*; PSYC 220, PSYC 300, PSYC 301, PSYC 310, PSYC 320, PSYC 330, PSYC 360, PSYC 382, PSYC 400\*, PSYC 410, PSYC 430, ~~PSYC 431~~, PSYC 434\*, PSYC 435, PSYC 440, PSYC 461, PSYC 470, PSYC 475, PSYC 480, PSYC 482, PSYC 496; PUBH 201, PUBH 202, PUBH 315, PUBH 350, PUBH 401; RSM 326, RSM 335, ~~RSM 336~~, ~~RSM 337~~, RSM 338, RSM 370, RSM 405, RSM 415, RSM 424, RSM 426, RSM 450; STAT 201\*. Students must earn a C or better in these courses. Other courses not listed here may be petitioned to count as kinesiology professional electives with approval of the assigned kinesiology faculty advisor. Check with advisor prior to taking the course. Courses selected as professional electives cannot be used to fulfill additional requirements in the program.

<sup>7</sup> Kinesiology students must have a cumulative minimum GPA of 2.5 to register for these courses. Students must earn a C or better in these courses.

<sup>8</sup> Select one course from ~~Group 1 and one course from Group 2~~ ~~KNS 231, KNS 290, or KNS 335~~. Students must earn a C or better in ~~these courses this course~~.

Group 1: KNS 231, KNS 290, KNS 331, KNS 431, or KNS 490

Group 2: KNS 335, KNS 365, KNS 435, KNS 440, or KNS 475

<sup>9</sup> Select at least 4 credits from BCMB 401, BIO 220, BIO 229, BIO 240, CHEM 260, CHEM 269, CHEM 360, CHEM 359, PHYS 222.

<sup>10</sup> FYS 101 is highly recommended to be taken in fall of Freshman year.

#### Support Information

*Rationale: Review of curriculum by faculty warrants changes to the showcase. We want students to take important courses earlier, which required an update to several terms; unrestricted, professional, department, and kinesiology elective; and milestones.*

*Impacts on other units: Updating the Professional Science Elective impact BCMB, CHEM, and BIO. Please see attached emails approving this change. No other units are impacted by these changes.*

*Financial Impact: No financial impact to college or department budgets.*

*Additional Approvals: See attached email approvals for included courses on footnote 9.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Requirements for the Bachelor of Science in Education – Recreation and Sport Management Major – Therapeutic Recreation Concentration

Term 2		
<sup>1</sup> Natural Science Elective*	4	ENGL 101*
ENGL 102*	3	
<sup>2</sup> Quantitative Reasoning Elective*	3	
<sup>4</sup> Unrestricted Elective	5 -4	
Term 3		
CLAS 273	3	Quantitative Reasoning Elective*
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
RSM 201	3 -4	
<sup>2</sup> Cultures and Civilizations Elective*	3	
<sup>2</sup> Arts and Humanities Elective*	3	

#### Supporting Information

*Rationale: Review of the curriculum by the faculty deemed it necessary to require the removal 1 course credit from RSM 201 and add 1 credit of an unrestricted elective. The total credit hours for graduation will not be impacted.*

*Impact on Other Units: This program change is required for the Recreation and Sport Management major -Therapeutic Recreation concentration only and does not impact other units.*

*Financial Impact: This change will not have any financial or faculty resource impacts.*

*Additional Documentation: This is a low impact revision that does not require additional approval.*

## DEPARTMENT OF PUBLIC HEALTH

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Public Health Minor

#### Minor Requirements

The minor consists of ~~12~~ 18 hours.

Complete:

- PUBH 202 - Introductory Epidemiology
- ~~PUBH 401 - Global Public Health~~

Select ~~two~~ three courses:

- PUBH 315 - Health of Adolescents
- PUBH 330 - Emergency Management
- PUBH 350 - Public Health Aspects of Aging
- ~~PUBH 401 - Global Public Health~~
- PUBH 420 - Environmental Public Health
- PUBH 430 - Suicide and Crisis Intervention

~~Alternative~~ Additional electives may be considered with approval of the director of the minor.

#### Supporting Information

*Rationale: The change we are proposing is to reduce the required credit hours for the public health minor from 18 to 12 hours. The 201 and 202 courses will be required, and the 401 course will become a course that may be selected from the list of other public health courses. This curricular revision is needed because public health provides a marketable content area for many majors from Biochemistry to Child and Family Studies, and reducing the number of required hours will make the minor more accessible to students and more comparable to similar minors. The Department of Public Health faculty agree that 12 credit hours of public health coursework is sufficient to equip students with the basic knowledge and tools of public health. Additionally, Public Health minor courses, except for PUBH 201, are only offered once per year. Limited course offerings can be barriers to students wanting to complete the Public Health Minor. A review of the approved alternate course requests for the Public Health minor during the last three academic years (2016-2017, 2017-2018, 2018-2019) revealed 45 requests, which creates an unnecessary burden for students and our department. Reducing the minor credit hours to 12 hours will lessen the burden of alternate course substitution requests from students. In conducting a review of the minors associated with the University of Tennessee, it is noted that most minors do not require 18 credit hours. According to the 2019-2020 Undergraduate Catalog, there are 160 minors that range from requiring 12 to 32 credit hours. The mean is 17.8, the median is 18, and the mode is 15. The fact that 15 credit hours is the most common requirement across the university provides support for us to reduce the 18 credit hour requirement. A more targeted comparison for public health is that within the College of Education, Health, and Human Sciences, there are 8 minors available that require a range of 12 to 18 credit hours, with an average and mode of 15 credit hours. Specifically, the Leadership Studies and Leadership Studies Honors minors, require 12-13 credit hours respectively, which aligns with our department's intention of requiring 12 credit hours for the public health minor. TPTE minors were excluded from the assessment of CEHHS minors since they generally require at least 25 undergraduate hours plus graduate hours as a specialized teaching preparation. A 12 credit hour minor in public health will better serve students, the department, and the College by increasing the accessibility of the public health minor.*

*Impact on Other Units: The proposed change will allow more majors in other departments to participate in the minor, but this will not directly impact other units in relation to resources*

*Financial Impact: This change will positively impact the department's budget since it will increase the number of credit hours generated by the Department of Public Health as more students will be able to complete the minor. It will reduce the administrative workload of faculty since the number of course substitution requests will go down. There will not be an impact on staffing.*

*Additional Documentation: This change does not require additional approval. This is not a substantive change.*

## DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

Low-  
impact:  
Revise  
program

Note:  
This  
major is  
pending  
THEC  
approval

### REVISE REQUIREMENTS

Note: this major was approved by UG Council and Faculty Senate, but is still pending THEC approval. The original proposal is in the UGC minutes of January 29, 2019, beginning on page U4723/292. The proposal is expected to be considered by THEC at their May 2020 meeting.

### Deaf Studies Major, BS in Education – ASL Education Concentration Pending THEC approval

### Requirements for the Bachelor of Science in Education – Deaf Studies Major – ASL Education Concentration

Term 1	Hours	Milestone Notes
ASL 111	3	2.3 cumulative GPA
ENGL 101* or ENGL 118*	3	ASL 111 with a B or better
<sup>1</sup> Non-U.S. History*	3	

<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
<sup>3</sup> Social Sciences Elective*	3	
<b>Term 2</b>		
<sup>3</sup> Arts and Humanities Elective*	3	Quantitative Reasoning Elective*
ASL 112	3	ASL 112 with a B or better
ENGL 102*	3	
<sup>1</sup> Non-U.S. History*	3	
<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
<b>Term 3</b>		
ASL 211*	3	<sup>9</sup> Complete at least 45 hours with a 2.75 cumulative GPA
<sup>4</sup> Biological Sciences Electives*	3-4	ASL 211* with a B or better
<sup>3</sup> Communicating Orally Elective*	3	ENGL 102*
EDPY 210*	3	
CFS 210*	3	
<b>Term 4</b>		
ASL 212*	3	ASL 212* with a B or better
Arts and Humanities Elective*	3	
<sup>6</sup> Unrestricted Elective	3	
Communicating through Writing Elective*	3	
<del>PHIL 252*</del>	3	
<sup>5</sup> Physical Science Electives*	3-4	
EDDE 425	3	
<b>Term 5</b>		
ASL 311	3	No milestones
LING 471 or WLEL 570 (summers only)	3	
<sup>7</sup> Professional Elective	6	
<sup>11</sup> CSE 300 or Diversity Elective (see note)	3	
<b>Term 6</b>		
<sup>12</sup> Practicum	1	No milestones
<sup>8</sup> Educational Methods	3	
EDPY 401	3	
<sup>10</sup> REED 430 or REED 434 or REED 461 or REED 543	3	
ASL 435	3	
<sup>6</sup> Unrestricted Elective	1	
<b>Term 7</b>		
<sup>6</sup> Unrestricted Elective or <sup>8</sup> Educational Methods	3	No milestones
ASL 310	3	
<sup>7</sup> Professional Elective	3	

SPED 402	3	
REED 330 or ASL 422 (summers only)	3	
<b>Term 8</b>		
ETEC 486	3	No milestones
ASL 410, ASL 421	6	
<sup>7</sup> Professional Elective	3	
<sup>7</sup> Professional Elective	3	
<b>TOTAL</b>	<b>120</b>	

<sup>12</sup> Students take either **ELED 351** ~~TPTE 351~~ with REED 430 or 434, or students take TPTE 352 with TPTE 355.

#### SUPPORTING INFORMATION

Rationale: \*\*1) In footnote 12, revise TPTE 351 to ELED 351. This was an error in the previous submission in October 2019. The correct class is ELED 351.

\*\*2) Remove PHIL 252 and the unrestricted elective from Term 4. Replace with an Arts & Humanities Elective and a Communicating through Writing elective. Requiring PHIL 252 (which satisfies both general ed requirements) may put undue burden on Arts & Science to accommodate increased numbers (per Lisa Emery). Thus, we list the general education requirements generally, and students will have several options.

Impact on other units: By opening the general education requirements, there is no impact on other units. This change has been reviewed by Lisa Emery, Office of Advising and Student Services.

Financial impact: There is no financial impact on department or college. Students can select from all possible general education electives in A&H and WC.

Additional documentation: this is not a substantive change and requires no additional approval.

Mid-  
impact:  
Add  
conc.  
pending  
THEC  
approval  
of the  
major  
(see  
above)

#### **ADD CONCENTRATION**

**Pending THEC approval of the major (see above)**

#### **Deaf Studies Major, BS in Education – Education of the Deaf and Hard of Hearing Concentration**

##### uTrack Requirements

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

##### Progression Requirements

Progression to the EDDE concentration requires a 2.75 cumulative GPA after a minimum of 45 semester credits, completion of ASL 211, and completion of a successful interview and admission into Teacher Education. Students admitted to the program must maintain a cumulative GPA of 2.75 while in the program. Students must earn a grade of B or better in ASL 111, ASL 112, ASL 211\*, ASL 212\*, ASL 311, and EDDE 310, and a C or better in all teacher education and major courses. Students with less than a 2.75 GPA for two consecutive semesters will be dropped from the program. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

Requirements for the Bachelor of Science in Education – Deaf Studies Major – Education of the Deaf and Hard of Hearing Concentration



Term 1	Hours	Milestone Notes
ASL 111	3	2.3 cumulative GPA
ENGL 101* or ENGL 118*	3	ASL 111
<sup>1</sup> Non-U.S. History*	3	
<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
<sup>3</sup> Social Sciences Elective*	3	
Term 2		
<sup>3</sup> Arts and Humanities Elective*	3	Quantitative Reasoning Elective*
ASL 112	3	ASL 112
ENGL 102*	3	
<sup>1</sup> Non-U.S. History*	3	
<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
Term 3		
ASL 211*	3	<sup>9</sup> Complete at least 45 hours with a 2.75 cumulative GPA
<sup>4</sup> Biological Sciences Electives*	3-4	ASL 211*
<sup>3</sup> Communicating Orally Elective*	3	ENGL 102*
EDPY 210*	3	
PHIL 252*	3	
Term 4 <sup>9</sup>		
ASL 212*	3	ASL 212*
EDDE 425	3	
<sup>7</sup> Professional Elective	3	
<sup>5</sup> Physical Science Electives*	3-4	
<sup>6</sup> Unrestricted Elective	3	
Term 5		
ASL 311	3	No milestones
<sup>11</sup> CSE 300 or Diversity Elective	3	
EDDE 419	3	
<sup>7</sup> Professional Elective	3	
<sup>6</sup> Unrestricted Elective	1	
Term 6		
ASL 421	3	No milestones
<sup>8</sup> Educational Methods	3	
SPED 402	3	
<sup>10</sup> REED 430 or REED 434 or REED 461 or REED 543	3	
ASL 435	3	
<sup>12</sup> Practicum	1	
Term 7		

EDDE 415	3	No milestones
EDPY 401	3	
<sup>7</sup> Professional Elective	3	
ETEC 486	3	
EDDE 310	3	
<b>Term 8</b>		
<sup>8</sup> Educational Methods or <sup>7</sup> Professional Elective	3	No milestones
EDDE 410 and EDDE 416	6	
<sup>7</sup> Professional Elective	3	
<sup>7</sup> Professional Elective	3	
<b>UNDERGRADUATE TOTAL</b>	<b>120</b>	
<b>POST-BACCALAUREATE PROFESSIONAL YEAR</b>		
Students must apply to and be admitted by the Graduate School prior to registration. Students must also obtain an intermediate Plus rating level or above on the Sign Language Proficiency Interview (SLPI) in order to advance to the post-baccalaureate professional year and internship.		
<b>Term 9</b>		
EDDE 529	3	No milestones
TPTE 574	3	
TPTE 575	6	
<b>Term 10</b>		
EDDE 528	3	No milestones
TPTE 575	6	
TPTE 591	3	
<b>GRADUATE TOTAL</b>	<b>24</b>	

<sup>1</sup> Two courses from AFST 235\*, AFST 236\*, HIEU 241\*, HIEU 242\*, HIEU 247\*, HIEU 248\*, HIST 261\*, HIST 262\*, HIST 267\*, HIST 268\*, LAC 251\*, LAC 252\*, MRST 201\*, MRST 202\*.

<sup>2</sup> Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list.

<sup>3</sup> Select courses from the University General Education list.

<sup>4</sup> Biological Science Elective: ANTH 110\*, BIOL 101\*, BIOL 102\*, BIOL 113\*-BIOL 114\*-BIOL 115\*, BIOL 150\*, BIOL 159\*, BIOL 160\*, EPP 201\*, MICR 210\*. Either the biology or physical science elective must include a lab.

<sup>5</sup> Physical Science Elective: ASTR 151\* (with or without lab – ASTR 153\*), ASTR 152\*, (with or without lab – ASTR 154\*), ASTR 217\*, ASTR 218\*, CHEM 100\*, CHEM 110\*, CHEM 120\*, CHEM 128\*, CHEM 130\*, CHEM 138\*, GEOG 131\*, GEOG 132\*, GEOL 101\*, GEOL 102\*, GEOL 103\*, GEOL 107\*, GEOL 108\*, GEOL 201\*, GEOL 202\*, GEOL 203\*, GEOL 205\*, GEOL 207\*, GEOL 208\*, PHYS 101\*, PHYS 102\*, PHYS 135\*, PHYS 136\*, PHYS 137\*, PHYS 138\*, PHYS 161\*, PHYS 221\*, PHYS 222\*, PHYS 231\*, PHYS 232\*. Either the biology or physical science elective must include a lab.

<sup>6</sup> Select any course not already required for the major. See advisor for recommended electives.

<sup>7</sup> PROFESSIONAL ELECTIVES: See list below for course options. (Note: Program coursework will allow students to obtain a deaf education license, K-12. Students will also choose general education licensure in elementary or secondary education. Professional elective options vary by level of licensure.) Students will choose at least 12 credits in one content area or

collateral area. Three additional credits can be in the selected area or a different content or collateral area.

<sup>8</sup> Educational Methods: Students must select the appropriate methods courses that meet the requirements for elementary or secondary licensure. See advisor. ELED 422; ENED 459, ENED 460, ENED 507, ENED 508, ENED 509, ENED 543, ENED 590; MEDU 430, MEDU 485, MEDU 543; REED 461, REED 540, REED 543; SCED 430, SCED 496, SCED 531, SCED 543, SCED 565, SCED 596; SSCE 421, SSCE 454, SSCE 543; TPTE 355, TPTE 543.

<sup>9</sup> Students should interview after the completion of 45 hours.

<sup>10</sup> See advisor for recommended course.

<sup>11</sup> Choose one of the following: CSE 300; PSYC 435; SOCI 110\*, SOCI 225, SOCI 343; WGS 200.

<sup>12</sup> Students obtaining an elementary license take ELED 351 with REED 430 or REED 434. Students obtaining a secondary license take TPTE 352 with TPTE 355.

\* Meets University General Education Requirement.

## Professional Electives

### Elementary License

Students obtaining an elementary license in general education will choose a collateral area and complete a total of 12 credit hours. Collateral areas are listed below. Check the course descriptions for any prerequisites required for these courses.

**American Sign Language** – ASL 422, ASL 445, ASL 455; LING 471 or WLEL 570.

**Audiology and Speech Pathology** - AUSE 300, AUSE 302, AUSE 305, AUSE 306, AUSE 435, AUSE 494.

**Child and Family Studies** - CFS 106, CFS 211, CFS 350, CFS 351, CFS 353.

**Educational Interpreting** - EI 335, EI 340, EI 345, EI 350, EI 355.

**English as a Second Language** - ENGL 471, ENGL 474, ENGL 476, ENGL 477; WLEL 466, WLEL 476, WLEL 489.

**Linguistics** - LING 400; ENGL 471, ENGL 472, ENGL 474, ENGL 476, ENGL 477, ENGL 485.

**Reading and Language Arts** - ELED 528, ELED 550; ENED 460; REED 330, REED 428, REED 430, REED 434, REED 461, REED 519, REED 529, REED 530, REED 536, REED 537, REED 538, REED 539, REED 540, REED 543.

**Special Education** - SPED 320N, SPED 322N, SPED 415, SPED 416, SPED 432, SPED 442, SPED 452, SPED 459, SPED 490, SPED 530, SPED 553, SPED 555. (Note: SPED 432, SPED 459, and SPED 490 are required for additional licensure in Special Education, Comprehensive. Students must enroll in a practicum class such as EDDE 410 or SPED322N the semester they take SPED 432.)

### Secondary License

Students obtaining a secondary license in general education will choose 12 professional electives from a secondary education content area. (Note: Some content areas require more than 12 credits for completion. Refer to specific content area requirements below.)

**English** - 15 credits from the English department at the 300+ level.

**Mathematics** - MATH 241 or MATH 251, MATH 300, MATH 460, MATH 423 or MATH 424.

**Natural Sciences (Biology)** - BIOL 160\*, BIOL 240, BIOL 260, and BIOL 269.

**Natural Sciences (Chemistry)** - 15 credits of courses from the chemistry department at the 200+ level, including CHEM 210, CHEM 219, and one course from CHEM 260, CHEM 360, CHEM 370, CHEM 379, CHEM 459\*, and CHEM 470.

**Natural Sciences (Physics)** - PHYS 135\*, PHYS 136\*, PHYS 250, and 6 credits from the department of physics and astronomy at the 300+ level.

**Natural Sciences (Earth Science)** - GEOL 101\*, GEOL 102\* or GEOL 103\*, and 9 credits from the earth and planetary science department at the 200+ level.

**Social Science (Economics)** - ECON 201\*, ECON 311, ECON 313 and 6 credits from the economics department at the 300+ level.

**Social Science (Geography)** - 15 credits from the geography department, including 9 credits at the 300+ level.

**Social Science (Government)** - POLS 101\*, POLS 102\*, and 12 credits from the political science department at the 300+ level.

**Social Science (History)** - HIUS 221, HIUS 222, HIEU 241\*, HIEU 242\*, and 6 credits from the history department at the 300+ level to include a course in world history.

**Social Science (Psychology)** - PSYC 110\* and 15 credits from the psychology department at the 300+ level.

**Social Science (Sociology)** - SOCI 110\* or SOCI 120\*, SOCI 321, SOCI 331, and 9 credits from the sociology department at the 300+ level.

#### SUPPORTING INFORMATION

*Rationale: 1) With the approval of the new Deaf Studies undergraduate major anticipated this summer, we would like to request the EDDE concentration move from underneath the SPED major to Deaf Studies. In terms of shared curriculum, this major affiliation makes more sense, as there is much more overlapping coursework with other Deaf Studies concentrations than SPED concentrations. In terms of faculty teams and instruction of courses, this revision also makes more sense, as faculty from the Deafness focus instructional team teach these concentration courses.*

*We conducted a student survey for the new major NAPP paperwork, and there is overwhelming interest in this revision. 142 out of 171 student respondents agreed or strongly agreed that Deaf Studies is a more appropriate major to house the EDDE concentration compared to SPED.*

*Deafness focus faculty discussed the revision, and agreed that it is a more appropriate major for the concentration, and can bring more visibility to the concentration in the SE region, and has potential to increase student diversity.*

*2) Also, under professional electives for elementary/special education, we have added a note to indicate the courses needed for an additional license in Special Education, Comprehensive.*

*THEC recently approved a tri-license option (Deaf education, Elementary Education, and Special Education, Comprehensive). The additional note on the program is intended to inform students of the option, especially those who choose special education as their professional electives.*

*Additionally, we have removed CHEM 369 from secondary license/ chemistry under professional electives because the course is no longer offered.*

*Impact on other units: After EDDE concentration is moved to the Deaf Studies major, SPED will remain vibrant and strong as it has always been. Further, the revision is not anticipated to have any impact on the teaching, supervision, advising, or research of SPED faculty members.*

*Financial impact: There is no financial impact. The concentration is currently offered. We are only moving it from the SPED major to the Deaf Studies Major.*

*Additional documentation: The Deaf Studies major has already been processed through CRC. Once final THEC approval is received this summer 2020, the new major can go online beginning Fall 2020. We also request the EDDE concentration appear under the Deaf Studies major this fall 2020. The change does not impact SACS.*

#### END PROGRAM

#### Special Education Major, BS in Education – Education of the Deaf and Hard of Hearing Concentration

*Rationale: This program is being replaced by the Deaf Studies Major, which has been approved by the UTK Faculty Senate and is expected to be voted on by THEC in May 2020. If that program is approved, this one will no longer be needed.*

#### END PROGRAM

#### Special Education Major, BS in Education – Educational Interpreting Concentration

Mid-  
impact:  
End  
program  
pending  
THEC  
approval  
of the  
Deaf  
Studies  
Major

Mid-  
impact:  
End  
program  
pending  
THEC

approval  
of the  
Deaf  
Studies  
Major

Mid-  
impact:  
Add  
conc.  
pending  
THEC  
approval  
of the  
major  
(see  
above)

*Rationale: This program is being replaced by the Deaf Studies Major, which has been approved by the UTK Faculty Senate and is expected to be voted on by THEC in May 2020. If that program is approved, this one will no longer be needed.*

### **ADD CONCENTRATION**

**Pending THEC approval of the major (see above)**

### **Deaf Studies Major, BS in Education – Educational Interpreting Concentration**

#### **uTrack Requirements**

Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who entered prior to Fall 2015.

#### **Progression Requirements**

Progression to the Educational Interpreting concentration requires a 2.75 cumulative GPA after a minimum of 30 semester hours of coursework and completion of ASL 111 and ASL 112 with a grade of B or better in both courses. A Board of Admissions will meet once each fall and spring to review applications and conduct interviews with each applicant. Students admitted to the program must maintain a minimum cumulative GPA of 2.75 while in the program. Students with less than a 2.75 GPA for two consecutive semesters will be dropped from the program. Students must earn a grade of B or better in ASL 111, ASL 112, ASL 211\*, ASL 212\*, and ASL 311, and a C or better in all major courses. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

#### **Requirements for the Bachelor of Science in Education – Deaf Studies Major – Educational Interpreting Concentration**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
<sup>1</sup> Arts and Humanities Elective*	3	2.3 cumulative GPA
ENGL 101* or ENGL 118*	3	
<sup>1</sup> Natural Sciences Electives*	3-4	
<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
<sup>1</sup> Social Sciences Elective*	3	
<b>Term 2</b>		
ENGL 102*	3	Quantitative Reasoning Elective*
<sup>1</sup> Natural Sciences Electives*	3-4	
<sup>2</sup> Quantitative Reasoning (MATH or STAT) Elective*	3	
<sup>3</sup> Unrestricted Electives	6	
<b>Term 3</b>		
ASL 111*	3	ASL 111*
<sup>1</sup> Communicating through Writing Elective*	3	ENGL 102*
HIEU 241* or HIEU 247*	3	
PHIL 244*	3	

<sup>3</sup> Unrestricted Elective	1	
<b>Term 4<sup>9</sup></b>		
<sup>1</sup> Arts and Humanities Elective*	3	2.7 cumulative GPA
ASL 112	3	ASL 111 and ASL 112 with a grade of B or better
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
HIEU 242* or HIEU 248*	3	
<sup>1</sup> Social Sciences Elective*	3	
<b>Term 5<sup>4</sup></b>		
ASL 211	3	ASL 211*
PSYC 300	3	EI 335
EDPY 210*	3	
EI 335	3	
EDPY 401	3	
<b>Term 6</b>		
ASL 212*, ASL 435	6	ASL 212*
EI 340, EI 350	6	
ETEC 486	3	
<b>Term 7</b>		
ASL 311	3	No milestones
EDDE 415, EDDE 425	6	
EI 345, EI 355	7	
<b>Term 8</b>		
ASL 421	3	No milestones
EDDE 416	3	
EI 440	6	
SPED 402 or SPED 470	3	
<b>TOTAL</b>	<b>120</b>	

\* Meets University General Education Requirement.

<sup>1</sup> Select courses from the University General Education list.

<sup>2</sup> Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list. At least one of the Natural Science Electives must include a lab.

<sup>3</sup> Select any course not already required for the major. RSM 326 is a recommended course

<sup>4</sup> Students should apply to the program by the end of Term 5.

#### SUPPORTING INFORMATION

*Rationale: 1) With the approval of the new Deaf Studies undergraduate major anticipated this summer, we would like to request the EI concentration move from underneath the SPED major to Deaf Studies. In terms of shared curriculum, this major affiliation makes more sense, as there is much more overlapping coursework with other Deaf Studies concentrations than SPED concentrations. In terms of faculty teams and instruction of courses, this revision also makes more sense, as faculty from the Deafness focus instructional team teach the concentration courses. 2) Move EI 340 from Term 5 to Term 6, as it is only offered spring semesters.*

3) Add ASL 421 to Term 8, and remove unrestricted elective. ASL 421 will be offered in the spring semesters starting Spring 2021.

We conducted a student survey for the new major NAPP paperwork, and there is overwhelming interest in this revision. 146 out of 171 student respondents agreed or strongly agreed that Deaf Studies is a more appropriate major to house the EI concentration compared to SPED. Deafness focus faculty discussed the revision, and agreed that it is a more appropriate major for the concentration, and can bring more visibility to the concentration in the SE region.

All Deaf Studies concentrations –ASL Ed, Ed Interpreting, and Deaf Education—will take shared coursework. ASL 421 (Deaf History and Culture) will be offered starting Spring 2021 for ASL Ed students; however, Deafness focus faculty have also determined this is an important class for teachers and interpreters to take.

Impact on other units: After EDDE concentration is moved to the Deaf Studies major, SPED will remain vibrant and strong as it has always been. Further, the revision is not anticipated to have any impact on the teaching, supervision, advising, or research of SPED faculty members.

Financial impact: There is no financial impact. The concentration is currently offered. We are only moving it from the SPED major to the Deaf Studies Major.

Additional documentation: The Deaf Studies major has already been processed through CRC. Once final THEC approval is received this summer 2020, the new major can go online beginning Fall 2020. We also request the EI concentration appear under the Deaf Studies major this fall 2020. The change does not impact SACS.

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Elementary Education Minor

#### Complete (25 undergraduate hours)

- EDPY 210 - Psychoeducational Issues in Human Development \*
- EDPY 401 - Professional Studies: Applied Educational Psychology
- **ELED 322 - Elementary Teaching Methods I**
- ELED 351 - Laboratory and Field Studies in Elementary Education
- ELED 422 - Elementary Teaching Methods II
- ETEC 486 - Integrating Technology into the Curriculum
- ~~INSC 330 - Books and Related Materials for Children~~
- **REED 330 - Using Children's Literature to Support Instructional Practices and Motivate Students to Read**
- REED 430 - Elementary Literacy K-2
- SPED 402 - Professional Studies: Special Education and Diverse Learners

*Rationale: The College of Communication and Information is dropping INSC 330 effective fall 2020.*

## TICKLE COLLEGE OF ENGINEERING

All changes effective Fall 2020

### COURSE CHANGES

#### DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING (CBE) Chemical and Biomolecular Engineering

Low-  
impact:  
Revise  
course

## REVISE TITLE, REVISE DESCRIPTION

### CBE 320 Chemical and Biomolecular Engineering Laboratory (3)



Experiments in unit operations such as pumps, heat exchangers, distillation columns, and fermenters. Application of the principles of transport phenomena.

*Formerly: Chemical and Biomolecular Engineering Laboratory I (3) Experiments in unit operations such as pumps, heat exchangers, reactors, distillation columns and fermenters. Application of the principles of transport phenomena.*

*Rationale: The title is being changed to conform with the new title of CBE 415. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REMOVE REGISTRATION RESTRICTION(S)**

#### **CBE 340 Mass Transfer and Separation Processes (3)**

*Formerly: Registration Restriction(s): 2.3 GPA.*

*Rationale: The GPA registration restriction is no longer relevant with Upper Division requirements. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **ADD (RE) CO-REQUISITE(S)**

#### **CBE 350 Chemical and Bioengineering Reactor Fundamentals (4)**

*(RE) Corequisite(s): CBE 301.*

*Formerly: No (RE) Corequisite(s).*

*Rationale: The co-req. of CBE 301 is being added to ensure that students have necessary background. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REMOVE REGISTRATION RESTRICTION(S)**

#### **CBE 360 Process Dynamics and Control (3)**

*Formerly: Registration Restriction(s): 2.3 GPA.*

*Rationale: The GPA registration restriction is no longer relevant with Upper Division requirements. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Archive  
Course

### **ARCHIVE COURSES**

#### **CBE 380 Seminar (1)**

*Rationale: This course will not be offered for the next several years, and possibly never again. Impact on other units: None. Financial impact: None.*

#### **CBE 401 Review of Chemical and Biomolecular Engineering Fundamentals (2)**

*Rationale: This course will not be offered for the next several years, and possibly never again. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE REGISTRATION RESTRICTION(S)**

#### **\*CBE 415 Advanced Chemical and Biomolecular Engineering Laboratory (3)**

Solve open-ended problems in a chemical and biomolecular engineering laboratory environment. Incorporate principles of design of experiments and simulation tools in design and analysis.

*(RE) Prerequisite(s): CBE 340 and CBE 360; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.  
Registration restriction(s): Chemical engineering major.*

*Formerly: CBE 415 Chemical and Biomolecular Engineering Laboratory II (3)  
Solve open-ended problems in chemical engineering laboratory environment. Incorporate principles of design of experiments and simulation tools in design and analysis.*

*(RE) Prerequisite(s): 320 and 340; English 102, 132, 290, or 298.*

*Registration Restriction(s): Chemical engineering major; 2.3 GPA.*

*Rationale: The title is being changed to more accurately reflect its place in the curriculum. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE CREDIT HOURS, REVISE DESCRIPTION**

#### **CBE 480 Equipment Design, Economic Methods, and Process Safety (4)**

Design, optimization, and costing of chemical and biochemical plant equipment. Introduction to economic evaluation methods, capital investment, discounted cash flows, and net present worth. Introduction to advanced process safety protocols and procedures, including engineering ethics.

*Formerly: CBE 480 Equipment Design and Economic Methods (3)  
Design, optimization, and costing of chemical and biochemical plant equipment.  
Introduction to economic evaluation methods, capital investment, discounted cash flows, and net present value.*

*Rationale: This course is being expanded by one credit hour to include coverage of process safety methods, which will contribute to meeting accreditation requirements. Impact on other units: None. Financial impact: None.*

## **DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING (CE) Civil Engineering**

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)**

#### **CE 432 Geotechnical Engineering Laboratory (1)**

*(RE) Prerequisite(s): CE 331.*

*(RE) Corequisite(s): CE 310.*

*Formerly: (RE) Corequisite(s): 310 and 430.*

## **DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (COSC) Computer Science**

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION**

#### **\*COSC 100 Introduction to Computers and Computing (3)**

Basic concepts of computer programming and software systems. Concepts of algorithms and problem solving. The interdisciplinary science of computing.

*Formerly: Basic concepts of computer hardware and software. Microcomputer systems and workstations. Networking and the Internet. The interdisciplinary science of computing.*

*Rationale: The focus of this course is more on software and computing, rather than hardware, workstations and networks, so the catalog description is being changed to map better to the course content. Impact on other units: none. Financial impact: none. This is a low-impact change, even though this is a general education course, as it falls into the category of "routine maintenance."*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **COSC 101 Introduction to Programming (3)**

An introduction to computational thinking and structured programming. Topics include problem solving and algorithm development with emphasis on conditional if/else statements, loop based iteration, and function calls. Students will also be given an overview of commonly used data structures such as arrays. Skills learned include designing a program to solving a problem, developing the algorithms needed, writing code to implement them, testing the code and correcting errors, as well as documenting how the code works.

*Credit Restriction: May not be applied toward the computer science major.*

*Rationale: This course is intended for students with limited or no programming experience. The course will prepare such students for COSC 102 Introduction to Computer Science in a manner similar to Math 130 (Precalculus I) preparing students for Math 141 (Calculus I). Currently, many students fail COSC 102 because they have never written a computer program. By first exposing them to the basics of computational thinking and structured programming, they will be more likely succeed in COSC 102. Required mathematical concepts will be self-contained. Impact on other units: none. Financial impact: GTA's.*

*This is a medium impact change because the course is new but is not seeking general education or experience learning approval and is not expected to be a required course for any majors.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE GRADING RESTRICTION, REVISE CREDIT RESTRICTION, REVISE (RE) COREQUISITE(S), ADD RECOMMENDED BACKGROUND**

#### **COSC 102 Introduction to Computer Science (4)**

Problem solving and algorithm development. Organization and characteristics of modern digital computers with emphasis on software engineering, building abstractions with procedures and data, and programming in a modern computer language.

*Grading Restriction: Letter grade only.*

*(RE) Corequisite(s): Mathematics 132 or 141 or 147.*

*Credit Restriction: Students who have received credit for COSC 130 or COSC 140 may not receive subsequent credit for COSC 102.*

*Recommended background: COSC 101 or equivalent.*

*Formerly: Problem solving and algorithm development. Organization and characteristics of modern digital computers with emphasis on software engineering, building abstractions with procedures and data, and programming in a modern computer language. Includes Level 1 design projects, which require laboratory work.*

*Grading Restriction: A, B, C, No Credit grading only.*

*(RE) Corequisite(s): Mathematics 141 or 147.*

*Credit Restriction: Students who have received credit for 140 or 160 may not receive subsequent credit for 102 without consent of instructor.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. A, B, C, No Credit grading can conflict with some scholarship programs, like the HOPE. COSC 160 was renamed to COSC 130 years ago. This is a typographical error. Also removing consent of instructor to make the course consistent with other courses. To accommodate changes to math courses. Impact on other units: none. Financial impact: none.*

*These are low-impact changes such as simply removing irrelevant wording.*

Mid-  
impact:  
Add  
Course

### ADD COURSE

#### **COSC 111 Computational Thinking and the Art of Programming (3)**

An introduction to the thought processes of computer science and the art of programming. Topics include learning to think algorithmically, and solve problems efficiently, using a high-level programming language and a variety of software tools and technologies. Skills learned include designing programs to solve problems, developing the algorithms needed, using abstractions, data structures and encapsulation, writing code to implement algorithms, testing the code for errors, and documenting the process and the outcome. This course welcomes students with limited or no programming experience.

*Rationale: This course is intended for students with limited or no programming experience, from across campus, who need computational skills for their careers. The programming language Python will be used, so that the students may "ramp up" quickly, and leverage the wide variety of powerful libraries available in Python, such as "numpy," the numerical package that is quickly becoming as popular as Matlab, and "PyTorch", the machine learning/data analytics package. The presentation of code and data will leverage Jupyter notebooks, which has become the de-facto standard in the Python community. The course may be offered with a distance learning format. Impact on other units: This class could potentially be used by programs across campus and we anticipate pursuing "QR" standing for the new VolCore. Financial impact: GTA's. This is a medium impact change because the course is new and will be seeking general education/Vol Core approval. We anticipate offering it as a distance or hybrid format. On many campuses it is a very popular course across campus (for example, at Harvard, CS50x is the largest class on campus).*

Low-  
impact:  
Revise  
course

### REVISE GRADING RESTRICTION, REVISE (RE) PREREQUISITE(S)

#### **COSC 130 Computer Organization (4)**

*Grading Restriction: Letter grade only.*

*(RE) Prerequisite(s): COSC 102 with a grade of C or better.*

*Formerly: Grading Restriction: A, B, C, No Credit grading only.*

*(RE) Prerequisite(s): 102.*

*Rationale: A, B, C, No Credit grading can conflict with some scholarship programs, like the HOPE. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **COSC 140 Data Structures and Algorithms I (4)**

*(RE) Prerequisite(s): COSC 130 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 130.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S) (multiple courses)

#### **COSC 302 Data Structures and Algorithms II (4)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140.*

**COSC 307 Honors: Data Structures and Algorithms II (4)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140.*

**COSC 311 Discrete Structures (3)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better, and either MATH 142 or MATH 148 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140 and either Mathematics 142 or 148.*

**COSC 312 Algorithm Analysis and Automata (3)**

*(RE) Prerequisite(s): COSC 311 or COSC 317 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 311.*

**COSC 317 Honors: Discrete Structures (3)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better, and either MATH 142 or MATH 148 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140 and either Mathematics 142 or 148.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

**COSC 340 Software Engineering (3)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 302.*

*Rationale: Adding 307, which is the honors version of 302. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

**COSC 360 Systems Programming (4)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 130 and 302.*

*Rationale: Removing 130, because it is prerequisite to 140, which is prerequisite to 302. Adding 307, which is the honors version of 302. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 361 Operating Systems (3)**

*(RE) Prerequisite(s): COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 360 or 367.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 365 Programming Languages and Systems (3)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 302.*

*Rationale: Adding 307, which is the honors version of 302. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 366 Introduction to Cybersecurity (3)**

*(RE) Prerequisite(s): COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 360 or 367.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 367 Honors: Systems Programming (4)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 130 and 302.*

*Rationale: Removing 130, because it is prerequisite to 140, which is prerequisite to 302. Adding 307, which is the honors version of 302. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 370 Introduction to Scientific Computing (3)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better, and MATH 251 or MATH 257 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140 and Mathematics 251.*

**COSC 377 Honors: Introduction to Scientific Computing (3)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better, and MATH 251 or MATH 257 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140 and Mathematics 251.*

**COSC 395 Junior Seminar (1)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 302 or 307.*

**COSC 401 Senior Design Theory (2)**

*(RE) Prerequisite(s): COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 360 or 367.*

**\*COSC 402 Senior Design Practicum (3)**

*(RE) Prerequisite(s): COSC 401 with a grade of C or better, and ENGL 102, ENGL 132, ENGL 290 or ENGL 298 with a grade of C or better.*



*Formerly: (RE) Prerequisite(s): 401; and English 102, 132, 290 or 298.*

**COSC 425 Introduction to Machine Learning (3)**

*(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better; and MATH 251 or MATH 257 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): Electrical and Computer Engineering 313 or 317 or Mathematics 323; Mathematics 251 or 257.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

**COSC 434 Network Security (3)**

*(RE) Prerequisite(s): COSC 366 with a grade of C or better, and ECE 453 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): Electrical and Computer Engineering 453 and 461.*

*Rationale: COSC 366 is the prerequisite course for all courses in Cybersecurity. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 440 Formal Foundations of Software Engineering (3)**

*(RE) Prerequisite(s): COSC 311 or COSC 317 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 311.*

*Rationale: Added 317, which is the honors version of 311. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**COSC 452 Formal Foundations of Software Engineering (3)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 302 or 307.*

**COSC 453 Data Visualization (3)**

*(RE) Prerequisite(s): COSC 140 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 140.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

**COSC 461 Compilers (3)**

*(RE) Prerequisite(s): COSC 302 or COSC 307 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 302.*



*Rationale: Added 307, which is the honors version of 302. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

### **COSC 462 Parallel Programming (3)**

*(RE) Prerequisite(s): COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 360 or 361.*

*Rationale: Added 367, which is the honors version of 360. Removed 361, because 360/367 are now prerequisite to 361, and no longer optional for computer engineering majors. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

### **COSC 465 Databases and Scripting Languages (3)**

*(RE) Prerequisite(s): COSC 311 or COSC 317 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 311.*

*Rationale: Added 317, which is the honors version of 311. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

Low-  
impact:  
Revise  
course

### **REVISE TITLE, REVISE DESCRIPTION, ADD CREDIT RESTRICTION, REVISE (RE) PREREQUISITE(S)**

### **COSC 466 Software Security (3)**

An in-depth introduction to software security. The focus is on identifying vulnerabilities in software, exploiting vulnerabilities in software, and software development best practices for avoiding vulnerabilities during the design, implementation, testing, and deployment of software. Coursework involves hands on experience exploiting software vulnerabilities to increase understanding, awareness, and appreciation of software vulnerabilities.

*Credit Restriction: Students cannot receive credit for both COSC 466 and COSC 566.*

*(RE) Prerequisite(s): COSC 366 with a grade of C or better.*

*Formerly: COSC 466 Web Security (3)*

*In-depth introduction to core web technologies, related security concerns, and common vulnerabilities. Hands on experience with multi-tier web applications (HTML, JavaScript, HTTP, application frameworks, and databases), vulnerability analysis and exploitation (injection, authentication, access control, client-side and server-side issues), and building secure applications.*

*(RE) Prerequisite(s): 302.*

*Rationale: Update the course to include more than just Web-related software security. The new description covers all the important topics from the old description but expands it to discuss software security generally. This is important as we want students to understand how to secure software generally, not just Web applications. This course is primarily designed for students in the EECS Cybersecurity Minor and will serve as one of the elective credit options in that Minor. This course will give students practical experience with software vulnerabilities. Students will learn and then practice identifying and exploiting vulnerabilities in desktop, server, and Web applications. This practical experience will be paired with in-class instruction on how to write software in a more secure manner. The increasing focus on cybersecurity in software engineering positions means that conceptual skills developed by our students in this course will enhance their*

competitiveness on the job market. The topics covered by this course are specifically selected to directly relate to subjects graduates will need to understand in the workplace. Moreover, students with experience in exploitation are highly sought after and in extremely short supply and this class supplies a primer to this field and provides necessary foundations for this profession. COSC 366 provides sufficient background on cybersecurity for the topics covered in this course. Required mathematical concepts will be self-contained.

*With respect to prerequisites: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is routine maintenance of an existing course.*

Mid-  
impact:  
Add  
Course

## **ADD COURSE**

### **COSC 469 Human Factors in Cybersecurity (3)**

A broad introduction to human-computer interaction (HCI) and its impact on the theory and practice of cybersecurity. Topics include the research methods in HCI, ethics, authentication, usable secure communication, phishing, usable cryptographic libraries, inclusivity/diversity in system design, and human-aware policy creation. Coursework focuses on helping students adapt a human-aware mindset regarding the design, implementation, and use of cybersecurity tools and principles.

*Credit Restriction: Students cannot receive credit for both COSC 469 and COSC 569.*

*(RE) Prerequisite(s): COSC 366 with a grade of C or better.*

*Rationale: This course is primarily designed for students in the EECS Cybersecurity Minor and will serve as one of the elective credit options in that Minor. This course will help students better understand how to design systems that elicit secure behavior from users as well as consider the individual and societal impacts of cybersecurity tools and techniques. The increasing focus on cybersecurity in software engineering positions means that conceptual skills developed by our students in this course will enhance their competitiveness on the job market. The topics covered by this course are specifically selected to directly relate to subjects graduates will need to understand in the workplace. It is also a useful elective for computer science students generally, as this is the only course in the current curriculum that covers research methods in human-computer interaction (HCI). These research methods are important tools for software developers and will provide a competitive edge to students as they enter the workplace. Additionally, these methods are a useful tool for graduate students in a range of disciplines including, but not limited to software engineering, human-machine interfaces, visualization, robot-human interactions. COSC 366 provides sufficient background on cybersecurity for the topics covered in this course. Required mathematical concepts will be self-contained. Impact on other units: none. Financial impact: none.*

*This is a medium impact change because it is new but is not seeking general education or experience learning approval and is not expected to be a required course for majors outside the host college.*

Low-  
impact:  
Revise  
course

## **REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **COSC 482 Theory of Computation (3)**

*(RE) Prerequisite(s): COSC 312 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 312.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change.*

**COSC 483 Applied Cryptography (3)**

*(RE) Prerequisite(s): COSC 311 or COSC 317 with a grade of C or better, and MATH 251 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 311, Mathematics 251.*

*Rationale: Added 317, which is the honors version of 311. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**(ECE) Electrical and Computer Engineering**

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S) (multiple courses)****ECE 201 Circuits I (3)**

*(RE) Prerequisite(s): EF 152 or EF 158 with a grade of C or better, and MATH 142 or MATH 148 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): Engineering Fundamentals 152 or 158 and Mathematics 142 or 148 with grades of C or better.*

**ECE 202 Circuits II (3)**

*(RE) Prerequisite(s): ECE 201 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 201.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)****ECE 255 Introduction to Logic Design of Digital Systems (3)**

Standard codes, number systems, base conversions, and computer arithmetic. Boolean algebra, minimization, and synthesis techniques for combinational and sequential logic. Use of VHDL for logic synthesis. Implementation of circuits using SSI, MSI, and LSI components.

*(RE) Prerequisite(s): COSC 130 with a grade of C or better.*

*Formerly: Standard codes, number systems, base conversions, and computer arithmetic. Boolean algebra, minimization, and synthesis techniques for combinational and sequential logic. Use of VHDL for logic synthesis. Implementation of circuits using SSI, MSI, and LSI components. Includes Level 1 design projects which require laboratory work.*

*(RE) Prerequisite(s): Computer Science 130.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is simply removing irrelevant wording.*

Low-  
impact:

**REVISE (RE) PREREQUISITE(S) (multiple courses)****ECE 256 Computer System Interfaces (3)**

Revise  
course

(RE) Prerequisite(s): ECE 255 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 255.

**ECE 301 Circuits and Electro Mechanical Components (3)**

(RE) Prerequisite(s): MATH 231 or MATH 237 with a grade of C or better.

Formerly: (RE) Prerequisite(s): Mathematics 231.

**ECE 313 Probability and Random Variables (3)**

(RE) Prerequisite(s): MATH 142 or MATH 148 with a grade of C or better.

Formerly: (RE) Prerequisite(s): Mathematics 142 or 148.

**ECE 315 Signals and Systems I (3)**

(RE) Prerequisite(s): ECE 202 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 202.

**ECE 316 Signals and Systems II (3)**

(RE) Prerequisite(s): ECE 315 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 315.

**ECE 317 Honors: Probability and Random Variables (3)**

(RE) Prerequisite(s): MATH 142 or MATH 148 with a grade of C or better.

Formerly: (RE) Prerequisite(s): Mathematics 142 or 148.

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

**ECE 325 Electric Energy System Components (3)**

Three-phase systems, phasor analysis, AC power, ideal transformers, and per unit notation. Magnetic circuits. Practical transformers. DC machines, induction motors, synchronous machines. Introduction to power electronics, power systems, and renewable energy.

(RE) Prerequisite(s): ECE 202 with a grade of C or better.

*Formerly: Three-phase systems, phasor analysis, AC power, ideal transformers, and per unit notation. Magnetic circuits. Practical transformers — construction, equivalent circuits, single and three phase. DC machines — construction, connections, performance, control. Three phase induction motors — construction equivalent circuit, performance. Synchronous machines — construction, equivalent circuit, performance, parallel operation in power systems. Single-phase motors — construction, performance, starting methods. Includes Level 1 design projects which require laboratory work.*  
(RE) Prerequisite(s): 202.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Course description also updated to reflect the need to include up-to-date content on renewable energy, modern power systems, and power electronics. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

*These are low-impact changes as it removes irrelevant wording and updates the course content to reflect a change in content.*

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)**

#### **ECE 335 Electronic Devices (3)**

Semiconductor physics, theory of p-n junctions. Diodes, field-effect transistors, and bipolar transistors. Modeling of diode and transistor devices. Analysis and design of diode switching and rectifier circuits. Basic transistor switching circuits and single stage amplifiers. Electronic circuit simulation using SPICE.

*(RE) Prerequisite(s): ECE 202 with a grade of C or better.*

*Formerly: Semiconductor physics, theory of p-n junctions. Diodes, field-effect transistors, and bipolar transistors. Modeling of diode and transistor devices. Analysis and design of diode switching and rectifier circuits. Basic transistor switching circuits and single stage amplifiers. Electronic circuit simulation using SPICE. Includes 1-credit laboratory work involving Level 1 design projects.*

*(RE) Prerequisite(s): 202.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*These are low-impact changes as it is simply removing irrelevant wording.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

#### **ECE 336 Electronic Circuits (3)**

*(RE) Prerequisite(s): ECE 335 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 335.*

#### **ECE 341 Fields (3)**

*(RE) Prerequisite(s): ECE 202 with a grade of C or better, and MATH 241 or MATH 247 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 202 and Mathematics 241.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*  
*These are low-impact changes.*

#### **ECE 342 Fundamentals of Communications (3)**

*(RE) Prerequisite(s): ECE 313 or ECE 317 with a grade of C or better, and ECE 315 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 313, 315.*

*Rationale: Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*  
*This is a low-impact change.*

#### **ECE 347 Honors: Fields (3)**

*(RE) Prerequisite(s): ECE 202 with a grade of C or better, and MATH 241 or MATH 247 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 202 and Mathematics 241.*

**ECE 351 Digital Systems Design (3)**

*(RE) Prerequisite(s): ECE 255 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 255.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

**REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)****ECE 356 Computer Systems Architecture (3)**

Architecture and design of microcomputer systems with microprocessors or microcontrollers. Instruction set architectures, software interfaces, processor structures, memory hierarchy, and interfacing.

*(RE) Prerequisite(s): ECE 256 or ECE 336 or COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: Architecture and design of microcomputer systems with microprocessors or microcontrollers. Instruction set architectures, software interfaces, processor structures, memory hierarchy, and interfacing. Includes Level 1 design projects which require laboratory work.*

*(RE) Prerequisite(s): 256 or 336 or Computer Science 360 or 367.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is simply removing irrelevant wording.*

**REVISE (RE) PREREQUISITE(S) (multiple courses)****ECE 357 Honors: Digital Systems Design (3)**

*(RE) Prerequisite(s): ECE 255 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 255.*

**ECE 358 Honors: Computer Systems Architecture (3)**

*(RE) Prerequisite(s): ECE 256 or ECE 336 or COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 256 or 336 or Computer Science 360 or 367.*

**ECE 395 Junior Seminar (1)**

*(RE) Prerequisite(s): ECE 202 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 202.*

**ECE 401 Senior Design Theory (2)**

*(RE) Prerequisite(s): ECE 315 or ECE 351 or ECE 357 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 315 or 351.*

Low-  
impact:  
Revise  
course

Low-  
impact:  
Revise  
course



**ECE 402 Senior Design Practicum (3)**

(RE) Prerequisite(s): ECE 401 with a grade of C or better, and ENGL 102, ENGL 132, ENGL 290 or ENGL 298 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 401; and English 102, 132, 290 or 298.

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S)****ECE 406 Introduction to Real-time Digital Signal Processing (3)**

Architectures of programmable digital signal processors. Real-time implementation of digital signal processing algorithms on digital processor chips. Case studies including digital filtering, typical communication applications, speech, and image processing.

(RE) Prerequisite(s): ECE 315 with a grade of C or better.

Formerly: Architectures of programmable digital signal processors. Real-time implementation of digital signal processing algorithms on digital processor chips. Case studies including digital filtering, typical communication applications, speech, and image processing. Includes Level 1 design projects.

(RE) Prerequisite(s): 315.

Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.

This is a low-impact change as it is simply removing irrelevant wording.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S) (multiple courses)****ECE 411 Linear Systems Theory (3)**

(RE) Prerequisite(s): MATH 251 or MATH 257 or equivalent with a grade of C or better.

Formerly: (RE) Prerequisite(s): Mathematics 251 or equivalent.

**ECE 415 Automatic Control Systems (3)**

(RE) Prerequisite(s): ECE 316 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 316.

**ECE 416 Digital Control Systems (3)**

(RE) Prerequisite(s): ECE 316 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 316.

**ECE 417 Honors: Computer Control Systems (3)**

(RE) Prerequisite(s): ECE 316 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 316.

Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.

These are low-impact changes.

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION AND (RE) PREREQUISITE(S)****ECE 421 Electric Energy Systems (3)**



Structure and operation of the electrical energy grid, load flow, economic loading, planning, control, and reliability. Balanced and unbalanced faults, system protection, and system stability. (RE) Prerequisite(s): ECE 316 with a grade of C or better and ECE 325 with a grade of C or better.

*Formerly: Structure and operation of the electrical energy grid, load flow, economic loading, planning, control, and reliability. Balanced and unbalanced faults, system protection, and system stability. Includes Level 1 design projects.*  
(RE) Prerequisite(s): 316 and 325.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

### **ECE 422 Power System Operations and Planning (3)**

Dynamic phenomena in power systems. Transient stability assessment and enhancement. Direct and indirect methods for stability determination in nonlinear systems. Operations planning, unit commitment, economic dispatch, frequency regulation, and automatic generation control. Volt-var control, load management, cogeneration, and other topics of contemporary concern.  
(RE) Prerequisite(s): ECE 421 or ECE 427 with a grade of C or better.

*Formerly: Dynamic phenomena in power systems. Transient stability assessment and enhancement. Direct and indirect methods for stability determination in nonlinear systems. Operations planning, unit commitment, economic dispatch, frequency regulation, and automatic generation control. Volt-var control, load management, cogeneration, and other topics of contemporary concern. Includes Level 1 design projects.*  
(RE) Prerequisite(s): 421.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Added 427, which is the honors version of 421. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course.*  
*These are low-impact changes as it is simply removing irrelevant wording.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

### **ECE 427 Honors: Electric Energy Systems (3)**

(RE) Prerequisite(s): ECE 316 with a grade of C or better and ECE 325 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 316 and 325.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*  
*This is a low-impact change.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **ECE 431 Operational Amplifier Circuits (3)**

Linear and non-linear active circuits using commercial operational amplifiers. Includes operational, instrumentation, isolation, bridge, rms and logarithmic converters, multipliers and function generators, rectifiers, references, active filters, modulation and demodulation, and sinusoidal generators. Noise fundamentals and calculations in op-amp circuits. Design for specified pole-zero functions. Emphasis on applications including transducer interfacing.

(RE) Prerequisite(s): ECE 316 with a grade of C or better and ECE 336 with a grade of C or better.

*Formerly: Linear and non-linear active circuits using commercial operational amplifiers. Includes operational, instrumentation, isolation, bridge, rms and logarithmic converters, multipliers and function generators, rectifiers, references, active filters, modulation and demodulation, and sinusoidal generators. Noise fundamentals and calculations in op-amp circuits. Design for specified pole-zero functions. Emphasis on applications including transducer interfacing. Includes Level 1 design projects which require laboratory work.*  
(RE) Prerequisite(s): 316 and 336.

### **ECE 432 Electronic Amplifiers (3)**

Feedback amplifier principles, wideband linear amplifier design, low-noise preamplifier design, and audio power amplifier design. Introduction to radio-frequency amplifier design and oscillator principles. Includes laboratory experiments and design projects.

(RE) Prerequisite(s): ECE 336 with a grade of C or better.

*Formerly: Feedback amplifier principles, wideband linear amplifier design, low-noise preamplifier design, and audio power amplifier design. Introduction to radio-frequency amplifier design and oscillator principles. Includes laboratory experiments and design projects. Level 2 design projects require laboratory work.*  
(RE) Prerequisite(s): 336.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*These are low-impact changes as it is simply removing irrelevant wording.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **ECE 443 Antenna Systems Engineering (3)**

(RE) Prerequisite(s): ECE 341 or ECE 347 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 341.*

*Rationale: Added 341, which is the honors version of 347. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change.*

### **ECE 444 Microwave Circuits (3)**

(RE) Prerequisite(s): ECE 341 or ECE 347 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 341.*

*Rationale: Added 341, which is the honors version of 347. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **ECE 453 Introduction to Computer Networks (3)**

Introduction to the design and implementation of computer networks. Topics to be covered include layered network architecture, physical media, data link protocols, network routing,

transport layer, network programming interfaces such as sockets, and applications. Examples will be primarily based on protocols in the Internet.

(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better.

*Formerly: Introduction to the design and implementation of computer networks. Topics to be covered include layered network architecture, physical media, data link protocols, network routing, transport layer, network programming interfaces such as sockets, and applications. Examples will be primarily based on protocols in the Internet. Include Level 1 design projects with programming assignments related to networking protocols.*

(RE) Prerequisite(s): 313 or Mathematics 323.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change as it is simply removing irrelevant wording.*

### **ECE 455 Embedded Systems Design (3)**

Design and development of embedded systems for data acquisition and special-purpose computing systems, such as peripheral interfacing, serial/parallel communications, and bus systems. Assembly language programming, software architecture, and machine architecture of microcontrollers.

(RE) Prerequisite(s): ECE 256 or ECE 336 or COSC 360 or COSC 367 with a grade of C or better.

*Formerly: Design and development of embedded systems for data acquisition and special-purpose computing systems, such as peripheral interfacing, serial/parallel communications, and bus systems. Assembly language programming, software architecture, and machine architecture of microcontrollers. Includes Level 1 design projects which require laboratory work.*

(RE) Prerequisite(s): 256 or 336 or Computer Science 360 or 367.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is simply removing irrelevant wording.*

### **REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **ECE 459 Secure and Trustworthy Computer Hardware Design (3)**

(RE) Prerequisite(s): ECE 255 or COSC 360 or COSC 367 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 255 or Computer Science 360 or 367.*

*Rationale: Added COSC 367, which is the honors version of COSC 360. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

### **ECE 462 Cyber-Physical Systems Security (3)**

(RE) Prerequisite(s): COSC 102 or equivalent with a grade of C or better; and ECE 313 or ECE 317 or equivalent with a grade of C or better.

*Formerly: (RE) Prerequisite(s): Computer Science 102 or equivalent, 313 or equivalent.*

Low-  
impact:  
Revise  
course

Low-  
impact:  
Revise  
course

*Rationale: Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

### **ECE 463 Introduction to Datacenters (3)**

*(RE) Prerequisite(s): COSC 130 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): Computer Science 130.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low-impact changes.*

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S) (multiple courses)**

### **ECE 469 Mobile and Embedded Systems Security (3)**

Introduction to vulnerabilities and threat vectors associated with mobile and embedded devices, such as smartphones, wearable devices, and IoT devices. Topics include security features and limitations of mobile operating systems, secure programming, mobile location and activity privacy, user/device authentication, IoT wireless security, side-channel attacks on mobile/wearable devices, and security and privacy breaches on smart home devices. Coursework focuses on improving knowledge and awareness of mobile and embedded systems' security issues, through individual homework assignments and an intensive group project involving hands-on research.  
*(RE) Prerequisite(s): COSC 360 or COSC 367 with a grade of C or better.*

*Formerly: Introduction to mobile device security with a specific emphasis on mobile phones. Focus on mobile security in payment systems, authentication (e.g., biometric), and mobile malware. Hands-on experience with vulnerabilities and exploits with mobile device systems. In-depth case studies of mobile devices in medical device systems and transportation systems.*

*(RE) Prerequisite(s): Computer Science 302.*

*Rationale: The catalog description is modified to reflect the current topics in Mobile/Embedded Systems Security. COSC 360/367 prepares the students better for the details of this field, and is a requirement for both the Computer Engineering and Computer Science majors. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is routine course maintenance.*

### **ECE 471 Introduction to Pattern Recognition (3)**

Introduction to statistical decision theory, adaptive classifiers, and supervised and unsupervised learning. Students will explore the application of these techniques in areas of current interest, such as face recognition, speech processing, remote sensing, data mining, and bioinformatics.  
*(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better; MATH 200 or MATH 251 or MATH 257 with a grade of C or better.*

*Formerly: Introduction to statistical decision theory, adaptive classifiers, and supervised and unsupervised learning. Students will explore the application of these techniques in areas of current interest, such as face recognition, speech processing, remote sensing, data mining, and bioinformatics. Includes Level 1 design projects.*

*(RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is simply removing irrelevant wording.*

**ECE 472 Introduction to Digital Image Processing (3)**

Basic methods for digitizing, storing, processing, and displaying images. Computational procedures for image enhancement, restoration, coding, and segmentation.

(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better; MATH 200 or MATH 251 or MATH 257 with a grade of C or better.

*Formerly: Basic methods for digitizing, storing, processing, and displaying images. Computational procedures for image enhancement, restoration, coding, and segmentation. Includes Level 1 design projects.*

(RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change as it is simply removing irrelevant wording.*

**REVISE (RE) PREREQUISITE(S) (multiple courses)****ECE 477 Honors: Introduction to Pattern Recognition (3)**

(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better; MATH 200 or MATH 251 or MATH 257 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.*

*Rationale: Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

**ECE 478 Honors: Introduction to Digital Image Processing (3)**

(RE) Prerequisite(s): ECE 313 or ECE 317 or MATH 323 with a grade of C or better; MATH 200 or MATH 251 or MATH 257 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.*

*Rationale: Added 317, which is the honors version of 313. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

**ECE 481 Power Electronics (3)**

(RE) Prerequisite(s): ECE 316 with a grade of C or better, and ECE 325 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 316 and 325.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

**ECE 482 Power Electronic Circuits (3)**

(RE) Prerequisite(s): ECE 481 or ECE 487 with a grade of C or better.

*Formerly: (RE) Prerequisite(s): 481.*

Low-  
impact:  
Revise  
course

*Rationale: Added 487 as the honors version of 481. Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none.*

**ECE 487 Honors: Power Electronics (3)**

*(RE) Prerequisite(s): ECE 316 with a grade of C or better, and ECE 325 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 316 and 325.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. These are low impact changes.*

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION**

**ECE 491 Special Topics (1-3)**

Topics relating to basic design and current practice.

*Formerly: Topics relating to basic design and current practice. Includes Level 1 or Level 2 design projects which may require laboratory work.*

*Rationale: The "Level" distinctions used to be important for accreditation. They no longer are, so they are being removed from all courses that had them. Impact on other units: none. Financial impact: none.*

*This is a low-impact change as it is simply removing irrelevant wording.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**ECE 496 Power and Energy Systems Seminar (1)**

*(RE) Prerequisite(s): ECE 325 with a grade of C or better.*

*Formerly: (RE) Prerequisite(s): 325.*

*Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: none. Financial impact: none. This is a low-impact change.*

**ENGINEERING FUNDAMENTALS DIVISION  
(EF) Engineering Fundamentals**

Low-  
impact:  
Revise  
course

**REVISE GRADING RESTRICTION**

**EF 101 - Engineering in the Modern World (4)**

*Grading Restriction(s): Letter grade only.*

*Formerly: Grading Restriction(s): A, B, C, No Credit grading only.*

*Rationale: To comply with state regulations for the HOPE scholarship. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

**REVISE GRADING RESTRICTION, REVISE (RE) COREQUISITE(S)**

**\*EF 151 Physics for Engineers I (4)**

*Grading Restriction: Letter grade only.*



(RE) Corequisite(s): EF 105 or COSC 101 or COSC 102; and MATH 132 or MATH 141 or higher.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

(RE) Corequisite(s): 105 or Computer Science 102; and Mathematics 141 or higher.

Rationale: A, B, C, No Credit grading can conflict with some scholarship programs, like the HOPE. With the addition of Computer Science 101, a number of first-semester engineering students may register for Computer Science 101 instead of Computer Science 102. To accommodate changes to math courses. Impact on other units: None. Financial Impact: None. Note: this is a low-impact change.

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **\*EF 152 Physics for Engineers II (4)**

(RE) Prerequisite(s): EF 151 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 151.

Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: None. Financial Impact: None. Note: this is a low-impact change.

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION, REVISE (RE) COREQUISITES**

#### **EF 157 Honors: Physics for Engineers I (4)**

Grading Restriction: Letter grade only.

(RE) Corequisite(s): EF 105 or COSC 101 or COSC 102; and MATH 132 or MATH 141 or higher.

Formerly: Grading Restriction: A, B, C, No Credit grading only.

(RE) Corequisite(s): 105 or Computer Science 102; and Mathematics 141 or higher.

Rationale: A, B, C, No Credit grading can conflict with some scholarship programs, like the HOPE. With the addition of Computer Science 101, a number of first-semester engineering students may register for Computer Science 101 instead of Computer Science 102. To accommodate changes to math courses. Impact on other units: none. Financial Impact: None. Note: this is a low-impact change.

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **EF 158 Honors: Physics for Engineers II (4)**

(RE) Prerequisite(s): EF 157 with a grade of C or better.

Formerly: (RE) Prerequisite(s): 157.

Rationale: Students should master prerequisite material with a grade of C or better, to maximize chances of success in the course. Impact on other units: None. Financial Impact: None. Note: this is a low-impact change.

Low-  
impact:  
Revise  
course

### **REMOVE GRADING RESTRICTION**

#### **EF 302 Engineering Leadership Seminar (1)**

Formerly: Grading Restriction: Satisfactory/No Credit grading only.



*Rationale: This will better incentivize high achievement and improve performance in the course which will increase cohesion of the engineering leadership team. Impact on other units: None. Financial Impact: None.*  
*Note: this is a low-impact change because it only affects undergraduates serving on the Engage LLC Leadership Team.*

## DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING (IE) Industrial Engineering

Low-  
impact:  
Revise  
course

### **\*ADD (RE) PREREQUISITE(S)**

**\*IE 250 Leadership in Industrial Engineering I: Professional Writing (1)**  
 (RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

*Formerly: No (RE) Prerequisite(s)*

*Rationale: ISE plans to designate this course for WC and must add those English courses as prerequisites. Impact on other units: None. Financial Impact: None.*

*\*Has applied for WC designation and is awaiting approval by the Gen Ed Committee.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE**

#### **IE 465 Applied Data Science (3)**

An introduction to applied data science including machine learning and data mining tools. Topics include supervised and unsupervised algorithms, techniques for improving model performance, evaluation techniques and software packages for implementation. Emphasis will be put on real-world applications in various domains including healthcare, transportation systems, etc.

(RE) Prerequisite(s): COSC 102 or COSC 111.

(DE) Prerequisite(s): IE 200 (or equivalent).

*Rationale: Data science has been applied in manufacturing, service, and other systems. This new course will prepare students with the capability of applying data science tools to industrial and other engineering problems. Impact on other units: None because IE has already required COSC 102 and may change this requirement to COSC 111. Financial Impact: A tenure-track position for ISE was added at UTSI adding to the department's research and teaching capabilities. We don't expect the college to provide additional resources.*

Low-  
impact:  
Revise  
course

### **+REVISE (RE) PREREQUISITE(S)**

#### **+IE 483 Introduction to Reliability Engineering (3)**

(RE) Prerequisite(s): IE 200, CBE 301, ECE 313, MATH 323, MSE 301, or STAT 251.

*Formerly: (RE) Prerequisite(s): 200 or Statistics 251.*

*Cross-listed with CBE 483, MSE 483, ME 483, and NE 483  
 Industrial Engineering is primary*

*Note that this revision will also be made to the secondary courses, CBE 483, MSE 483, ME 483, and NE 483.*

*Rationale: Students just need basic background in statistics. Impact on other units: None. Financial Impact: None.*

#### **+IE 484 Introduction to Maintainability Engineering (3)**

(RE) Prerequisite(s): IE 200, CBE 301, ECE 313, MATH 323, MSE 301, or STAT 251.

Formerly: (RE) Prerequisite(s): 200 or Statistics 251.

Cross-listed with CBE 484, MSE 484, ME 484, and NE 484  
Industrial Engineering is primary

*Note that this revision will also be made to the secondary courses, CBE 484, MSE 484, ME 484, and NE 484.*

Rationale: Students just need basic background in statistics. Impact on other units: None.  
Financial Impact: None.

## DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING (MSE) Materials Science and Engineering

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **MSE 260 Materials Engineering Thermodynamics (4)**

(RE) Prerequisite(s): MSE 201 or MSE 207; EF 152 or EF 158; CHEM 130 or CHEM 138 or MSE 110; and MATH 241 or 247.

Formerly: (RE) Prerequisite(s): 201; Engineering Fundamentals 152 or 158; Chemistry 130 or 138; and Mathematics 241 or 247.

Rationale: MSE previously added a Materials Chemistry course (MSE 110) to its curriculum with an emphasis on solid-state materials and their application to engineering systems and no longer requires MSE students to take Chemistry 130 or 138. Impact on other units: None. Financial Impact: None.

Low-  
impact:  
Revise  
course

### REVISE (RE) PREREQUISITE(S)

#### **MSE 300 Principles of Materials Laboratory I (2)**

(RE) Prerequisite(s): MSE 201 or MSE 207 with a grade of C or better and MSE 210.

Formerly: (RE) Prerequisite(s): 201 and 210.

Rationale: Maintains a sufficient level of MSE knowledge going into MSE 300 to be successful. Impact on other units: None. Financial Impact: None.

Low-  
impact:  
Revise  
course

### \*REVISE (RE) PREREQUISITE(S)

#### **\*MSE 304 Principles of Materials Laboratory II (3)**

(RE) Prerequisite(s): MSE 250, MSE 260, MSE 300, MSE 340, MSE 360; and ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

Formerly: (RE) Prerequisite(s): 300, 340, 360; and English 102, 132, 290, or 298.

Rationale: By adding MSE 250 and MSE 260 to the list of prerequisites for MSE 304 it prevents students from taking MSE 250 and MSE 260 in their senior year. Impact on other units: None. Financial Impact: None.

*Note that this course has been approved as WC under the current general education curriculum.*

Mid-  
impact:  
Add  
Course

## ADD COURSE

### **MSE 443 Quantum Mechanics for Engineers (3)**

Covers fundamentals of quantum mechanics using an approach suitable for engineering undergraduates and beginning graduate students. Topics will include mathematical preliminaries, Dirac notation, two-state systems, the Bloch sphere, the Schrödinger wave equation, operators and time evolution, the square well, the harmonic oscillator, the hydrogen atom, angular momentum, and approximation methods.

*Credit Restriction: Students cannot receive credit for both MSE 443 and MSE 543.*

*Recommended Background: calculus, linear algebra, and physics taught at the level of Engineering Fundamentals.*

*Rationale: A basic knowledge of quantum mechanics has become essential in many areas of engineering, including nanotechnology, materials science, photonics, and cutting edge information technologies such as quantum computing and cryptography. This course is designed to teach the concepts and techniques of quantum mechanics to students with a wide variety of scientific and engineering backgrounds.*

Low-  
impact:  
Revise  
course

## REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REMOVE COMMENT(S)

### **MSE 455 Materials for Energy (3)**

Investigate the role that materials scientists play in the broader issue of renewable energy, climate change and sustainable development; topics include the evaluation of impacts of climate change, national renewable energy plans, materials solutions for renewable energy storage or conversion technologies and case studies of sustainable development.

*(RE) Prerequisites: upper division standing; MSE 201; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*Formerly: Underlying physics and operating principles of functional materials used in energy applications such as photovoltaics and photocatalysts, fuel cells, batteries, thermoelectrics, and superconductors.*

*(RE) Prerequisite(s): 350.*

*Comment(s): Prior knowledge may satisfy prerequisite with consent of instructor.*

*Rationale: The "Materials for Energy" course is shifting from an exclusive emphasis on photovoltaic materials to a broader investigation of materials relevant to sustainability. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

## REMOVE (RE) PREREQUISITE(S)

### **MSE 474 Biomaterials (3)**

*Formerly: (RE) Prerequisite(s): 201*

*Rationale: In previous years MSE 474 and BME 474 were cross listed. Currently they are no longer cross listed and BME 474 does not have any prerequisites. In order to cross list MSE 474 and BME 474 in the future the MSE 201 prerequisite for MSE 474 needs to be dropped. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

## REVISE (RE) PREREQUISITE(S)

### **MSE 489 Materials Design (3)**

*(RE) Prerequisite(s): MSE 304 with a grade of C or better, MSE 340, MSE 360, MSE 390, MSE 480.*

*Formerly: (RE) Prerequisite(s): 304, 340, 360, 390, 480.*

*Rationale: Maintains a sufficient level of laboratory knowledge and skill and writing skills going into MSE 489 to be successful. Impact on other units: None. Financial Impact: None.*

## DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING (AE) Aerospace Engineering

Low-  
impact:  
Revise  
course

### **\*REVISE REGISTRATION RESTRICTION(S)**

#### **\*AE 210 Professional Topics (2)**

*Registration restriction(s): Aerospace or Mechanical Engineering major. Sophomore, junior, or senior.*

*Formerly: Registration restriction(s): Aerospace or Mechanical Engineering major. Sophomore or junior.*

*Rationale: This will allow seniors to register for AE 210 to meet degree requirements. Impact on other units: none. Financial impact: none.*

*Note: this a low-impact change because the course content is unchanged, but it does serve as an oral communication elective. The course will now be available to seniors who need it in order to graduate.*

*Note that this course has been approved as OC under the current general education curriculum.*

Mid-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **AE 341 Fluid Mechanics I (3)**

*(RE) Prerequisite(s): ME 231 with a grade of C or better and MATH 241 or MATH 247 with a grade of C or better.*

*Formerly: (RE): Mechanical Engineering 231 with a grade of C or better and Mathematics 241 or 247.*

*Rationale: given the mathematical emphasis in engineering, a stronger prerequisite should be met by students to prepare for departmental courses. Impact on other units: minor, but some students may need to repeat mathematics prerequisites to meet the new requirement. Financial impact: minor.*

*Note: this is a mid-impact change since it may increase demand for Math 241/247.*

## **(BME) Biomedical Engineering**

Mid-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **BME 341 Fluid Mechanics for Biomedical Engineers (3)**

*(RE) Prerequisite(s): ME 231 with a grade of C or better and MATH 241 or MATH 247 with a grade of C or better.*

*Formerly: (RE): Mechanical Engineering 231 with a grade of C or better and Mathematics 241 or 247.*

*Rationale: given the mathematical emphasis in engineering, a stronger prerequisite should be met by students to prepare for departmental courses. Impact on other units: minor, but some*

students may need to repeat mathematics prerequisites to meet the new requirement. Financial impact: minor.

Note: this is a mid-impact change since it **may increase demand for Math 241/247**.

Mid-  
impact:  
Revise  
course

### **ADD COURSE**

#### **BME 347 Honors: Fluid Mechanics for Biomedical Engineers (3)**

Honors section of BME 341; students will attend BME 341 classes with supplementary assignments. Introduction to fluid flow concepts, mass transport, and heat transfer in biological systems.

(RE) Prerequisite(s): ME 231 and MATH 241 or MATH 247 with a grade of C or better.

Registration Restriction(s): Biomedical Engineering majors only or by consent of instructor.

Rationale: The non-honors course was created in the 2019-2020 update, but the honors section was not created at the same time. The rationale for creation of BME 341 as distinct from AE/ME 341 to be discipline-specific holds here: BME 347 will be the honors section of BME 341 and both are discipline-specific versions of ME/AE 341/347. Impact on other units: Negligible. Financial impact: None.

Note: this would be a mid-impact change because it is not seeking general education or experience learning approval and will not be required by programs outside the host college.

Low-  
impact:  
Revise  
course

### **+ADD CROSS-LISTING**

#### **+BME 363 – System Dynamics (3)**

(See as ME 363)

*Mechanical Engineering 363 is primary.*

Rationale: this course is identical to Mechanical Engineering 363. Impact on other units: negligible. Financial impact: none.

Note: this is a low-impact change because both courses are currently taught with identical learning objectives and outcomes.

#### **+BME 367 – Honors: System Dynamics (3)**

(See as ME 367)

*Mechanical Engineering 367 is primary.*

Rationale: this course is identical to Mechanical Engineering 367. Impact on other units: negligible. Financial impact: none.

Note: this is a low-impact change because both courses are currently taught with identical learning objectives and outcomes.

Low-  
impact:  
Revise  
course

### **REVISE RECOMMENDED BACKGROUND**

#### **BME 405 Introduction to Drug Delivery (3)**

Recommended Background: Junior or senior standing in engineering.

Formerly: Recommended Background: Senior standing in engineering.

Rationale: course content will be adjusted so that it is suitable for juniors or seniors in engineering, including other programs. Impact on other units: minimal since this course may serve as an elective in other programs, but is required by none outside the hosting department. Financial impact: none.

Low-  
impact:  
Revise  
course

*Note: this is a mid-impact change because, while it will make the course more available to other programs, it is not a general education elective or required by any other program.*

### **REMOVE (DE) PREREQUISITE(S)**

#### **BME 449 Biomedical Engineering Laboratory (4)**

*Formerly: (DE) Prerequisite(s): BME 409.*

*Rationale: BME 409 is no longer a required course for the BS in BME, but BME 449 is required; we should not have an elective course as a prerequisite to a required course. Impact on other units: none. Financial impact: none.*

*Note: this is a mid-impact change because the course is not used by other programs or as a general education elective.*

### **(ME) Mechanical Engineering**

Low-  
impact:  
Revise  
course

### **\*REVISE REGISTRATION RESTRICTION(S)**

#### **\*ME 210 Professional Topics (2)**

*Registration restrictions: Aerospace, Biomedical, or Mechanical Engineering major. Sophomore, junior, or senior.*

*Formerly: Registration restriction(s): Aerospace or Mechanical Engineering major. Sophomore or junior.*

*Rationale: This will allow seniors to register for ME 210 to meet degree requirements. Impact on other units: none. Financial impact: none.*

*Note: this a low-impact change because the course content is unchanged, but it does serve as an oral communication elective. The course will now be available to seniors who need it in order to graduate.*

*Note that this course has been approved as OC under the current general education curriculum.*

Mid-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **ME 321 Mechanics of Materials (3)**

*(RE) Prerequisite(s): ME 202 with a grade of C or better and MATH 142 or MATH 148 with a grade of C or better.*

*Formerly: (RE) 202 with a grade of C or better and Mathematics 142 or 148.*

*Rationale: Given the mathematical emphasis in engineering, a stronger prerequisite should be met by students to prepare for departmental courses. Impact on other units: minor, but some students may need to repeat mathematics prerequisites to meet the new requirement. Financial impact: minor.*

*Note: this is a mid-impact change since it may increase demand for Math 142/148 for students who did not earn a grade of C or better.*

Low-  
impact:

### **+ADD CROSS-LISTING**

#### **+ME 363 – System Dynamics (3)**

Revise  
course

(Same as BME 363)

*Mechanical Engineering 363 is primary.*

*Rationale: this course is identical to Biomedical Engineering 363. Impact on other units: negligible. Financial impact: none.*

*Note: this is a low-impact change because both courses are currently taught with identical learning objectives and outcomes.*

**+ME 367 – Honors: System Dynamics (3)**

(Same as BME 367)

*Mechanical Engineering 367 is primary.*

*Rationale: this course is identical to Biomedical Engineering 367. Impact on other units: negligible. Financial impact: none.*

*Note: this is a low-impact change because both courses are currently taught with identical learning objectives and outcomes.*

Mid-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**ME 391 Engineering Analysis (3)**

(RE) Prerequisites: Grade of C or better in all of the following: EF 230; MATH 231, MATH 241 or MATH 247, and MATH 200 or MATH 251 or MATH 257.

*Formerly: (RE) Prerequisites: Engineering Fundamentals 230; Mathematics 231 with a grade of C or better; Mathematics 241 or 247; and Mathematics 200 or 251 or 257.*

*Rationale: Given the mathematical emphasis in engineering, stronger prerequisites should be met by students to prepare for departmental courses. Impact on other units: minor, but some students may need to repeat mathematics prerequisites to meet the new requirement. Financial impact: minor.*

*Note: this is a mid-impact change since it may increase demand for all of the prerequisite mathematics courses.*

**ME 397 Honors: Engineering Analysis (3)**

(RE) Prerequisites: Grade of C or better in all of the following: EF 230; MATH 231, MATH 241 or MATH 247, and MATH 200 or MATH 251 or MATH 257.

*Formerly: (RE) Prerequisites: Engineering Fundamentals 230; Mathematics 231 with a grade of C or better; Mathematics 241 or 247; and Mathematics 200 or 251 or 257.*

*Rationale: Given the mathematical emphasis in engineering, stronger prerequisites should be met by students to prepare for departmental courses. Impact on other units: minor, but some students may need to repeat mathematics prerequisites to meet the new requirement. Financial impact: minor.*

*Note: this is a mid-impact change since it may increase demand for all of the prerequisite mathematics courses.*

**DEPARTMENT OF NUCLEAR ENGINEERING  
(NE) Nuclear Engineering**



Mid-  
impact:  
Add  
Course

### **ADD COURSE(S)**

#### **NE 250 Mathematics and Computational Methods in Nuclear Engineering (3)**

This course will provide students with the necessary mathematical tools to be successful in upper level nuclear engineering courses. Students will reinforce their mathematical skills while applying them to nuclear-related problems they will encounter in higher-level courses. Topics covered include statistics, error analysis, linear algebra, and solution methods of differential equations relevant to nuclear engineering.

(RE) Prerequisite(s): NE 200, and MATH 231 or MATH 237.

(RE) Corequisite: MATH 241 or MATH 247.

*Rationale: We need more targeted mathematical and computational training for our students before taking several junior and senior level courses (NE 401, NE 402, NE 470, NE 351/357). The offering in the showcase curriculum is the semester after students take differential equations (MATH 231) and NE 250 will be used to reinforce knowledge gained specific to nuclear engineering problems. Further, linear algebra-based solution methodologies will be presented. New information that will be provided to students is in statistics and error analysis. Impact on other units: none. Financial Impact: none.*

#### **NE 340 Materials Science and Engineering Mechanics for Nuclear Materials (3)**

Introduction to the materials science and engineering mechanics principles relevant for understanding the behavior of fuels and materials used in nuclear reactors. Topics include atomic bonding and crystal structure of materials, thermodynamics principles, including the interpretation of phase diagrams, diffusion mechanisms, atomic and extended defects in materials, elastic strains and stresses, and mechanical properties including plastic deformation and analysis of stress loading of components. In each topical area, the relevance to nuclear power applications will be emphasized.

(DE) Prerequisite(s): ME 202.

*Rationale: This course has been developed to cover material more relevant to nuclear engineers and in lieu of Mechanical Engineering 321 and Materials Science and Engineering 201 which are being removed from the NE curriculum. Impact on other units: about 40 students per year not in Mechanical Engineering 321 and Materials Science and Engineering 201. Financial Impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **NE 351 Nuclear System Dynamics, Instrumentation, and Controls (3)**

(RE) Prerequisite(s): NE 200 and NE 250 or consent of instructor.

*Formerly: (RE) Prerequisite(s): 200 or consent of instructor.*

*Rationale: Nuclear Engineering 250 will present necessary material on linear algebra and ODEs and must be taken before NE 351. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S), REMOVE REGISTRATION PERMISSION**

#### **NE 357 Honors: Nuclear System Dynamics and Control (3)**

(RE) Prerequisite(s): NE 200 and NE 250 or consent of instructor.

*Formerly: Registration Permission: Consent of instructor.*

*Rationale: Nuclear Engineering 250 will present necessary material on linear algebra and ODEs and must be taken before Nuclear Engineering 357. Impact on other units: none. Financial Impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **NE 362 Numerical Methods and Fortran (3)**

(RE) Prerequisite(s): MATH 241 or MATH 247; MATH 231 or MATH 237; NE 250.

Formerly: (RE) Prerequisite(s): Mathematics 241 or 247; Mathematics 231.

Rationale: Nuclear Engineering 250 will present necessary material on linear algebra and ODEs and must be taken before Nuclear Engineering 362. Impact on other units: none. Financial Impact: none.

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S), ADD REGISTRATION RESTRICTION, REMOVE REGISTRATION PERMISSION**

#### **NE 367 Honors: Numerical Methods and Fortran (3)**

(RE) Prerequisite(s): MATH 241 or MATH 247; MATH 231 or MATH 237; NE 250.

Registration Restriction(s): Nuclear engineering major.

Formerly: Registration Permission: Consent of instructor.

Rationale: Nuclear Engineering 250 will present necessary material on linear algebra and ODEs and must be taken before Nuclear Engineering 367. Impact on other units: none. Financial Impact: none.

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)**

#### **\*NE 401 Radiological Engineering Laboratory (4)**

(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298; NE 233 and NE 250.

(RE) Corequisite(s): MATH 241 or MATH 247.

Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298.

(RE) Corequisite(s): Electrical and Computer Engineering 301, Mathematics 241 or 247.

Rationale: Remove corequisite of Electrical and Computer Engineering 301, add prerequisite of Nuclear Engineering 250. We are no longer requiring students to take Electrical and Computer Engineering 301. Nuclear Engineering 250 will present necessary material on error analysis and statistics and must be taken before NE 401. Impact on other units: Expected impact is roughly 40 NE students per year not taking ECE 301. ECE 301 covers primarily coding in Arduino, which is not relevant to our students' needs or in their expected outcomes. Financial Impact: Students will take NE 250 instead of ECE 301, departmental impact on teaching loads and student fees shifting from ECE to NE. ECCS department has been notified.

Low-  
impact:  
Revise  
course

### **+REVISE TITLE, REVISE (RE) COREQUISITE(S)**

#### **+NE 440 Nuclear Fuels and Materials Behavior (3)**

(RE) Corequisite(s): MSE 201 or MSE 207; and ME 321 or MSE 302; or NE 340; or consent of instructor.

Formerly: NE 440 Introduction to Nuclear Fuels and Materials (3)

Corequisite(s): Materials Science and Engineering 201 or 207; and Mechanical Engineering 321 or Materials Science and Engineering 302, or consent of instructor.

Cross-listed with MSE 450.

Nuclear Engineering is primary.

*Note that this revision will also be made to the secondary course, MSE 450.*

*Rationale: Introductory material will be largely moved to Nuclear Engineering 340 (or rely on knowledge from Mechanical Engineering/Materials Science and Engineering corequisites), which makes the "Introduction to" title less accurate.*

*Nuclear Engineering 440 material is sufficiently different from and advanced beyond proposed Nuclear Engineering 340 such that students could earn credit for both courses, using Nuclear Engineering 440 as a technical elective. In this case, our students would not have the Materials Science and Engineering/Mechanical Engineering Corequisites. Note – intention is that a student could either (1) take one course from Materials Science and Engineering 201/207 AND one course from Mechanical Engineering 321/Materials Science and Engineering 302 or (2) take Nuclear Engineering 340 or (3) get permission of instructor. Impact on other units: None. Financial Impact: This is a technical elective so the number of NE students varies year per year, but may be of the order of ~10 students and fewer MSE students per year. MSE department has been notified of our intent.*

Mid-  
impact:  
Add  
Course

### **ADD COURSE(S)**

#### **NE 485 Process System Reliability and Safety (3)**

Qualitative and quantitative techniques for assessing and improving process systems reliability and safety. Probabilistic risk assessment, event tree analysis, fault tree analysis, statistical inference, and associated dependent failure analysis.

*Credit Restriction: Students cannot receive credit for both NE 485 and NE/IE/CBE 585.*

*(DE) Prerequisite(s): CBE 483, IE 483, ME 483, or NE 483.*

*Rationale: This course is being added to provide additional course options to NE undergraduate students. It will be taught concurrently with NE 585 which will require additional assignments and expectations. Impact on other units: none. Financial Impact: none.*

#### **NE 486 Nuclear Licensing (3)**

This class will cover nuclear licensing rules and regulations for both commercial and government nuclear facilities that are administered by the Nuclear Regulatory Commission and the Department of Energy.

*Credit Restriction: Students cannot receive credit for both NE 486 and NE 586.*

*Registration Restriction(s): Minimum student level – junior level in nuclear engineering.*

*Rationale: This course is part of the newly added nuclear safety concentration and nuclear safety center of excellence being created with sponsorship from Bechtel. Being taught as a special topics Nuclear Engineering 494 currently and being expanded to be taught at a graduate level as Nuclear Engineering 586, with additional assignments and requirements. Impact on other units: none. Financial Impact: none.*

## **PROGRAM CHANGES**

### **INTERDEPARTMENTAL**

Low-  
impact:  
Revise  
program

### **REVISE TEXT, REVISE REQUIREMENTS**

**Tickle College of Engineering**  
(main college page)

**Advising Services**  
(last paragraph)

Freshmen admitted into the Tickle College of Engineering starting in MATH 130 (Pre-calculus) or MATH 131 (Calculus 1A Infused with Pre-calculus) with Math ACT of 25, 26, or 27 (SAT Math equivalents 590 – 650 649) are expected to follow the showcase below during the freshman year:

Fall	Spring	Summer
ENGL 101*	ENGL 102*	
MATH 130 or MATH 131	MATH 132* or MATH 141*	MATH 142*
General Education class	EF 151*	EF 152*
General Education class	EF 105 or COSC 102	
	CHEM 120*	

### Transfer Students

(first bullet point)

- Must have earned a minimum 2.8 cumulative average and a C or better in each of these specific courses, or their equivalent: ENGL 101\*, CHEM 120\* (for Computer Science students: COSC 102 and COSC 130 or equivalents), and MATH 132\* or MATH 141\* (and subsequent courses in the three sequences, if taken).

### Heath Integrated Business and Engineering Program

This program is available to undergraduate students from the Haslam College of Business and Tickle College of Engineering. The students will be selected in their freshman year through an application process by appropriate committees in the two colleges. The students will be advised by a joint faculty committee and will register in courses designed for this program in their sophomore through senior years. The program will also provide common learning experiences to the students through extracurricular activities and projects specifically designed for this program. Students in this program will be required to take 12 additional credit hours including EF 203, EF 303, BUAD 200, BUAD 300, BUAD 405, and ENT 350, and ENT 451. Special Senior Design course sections in each major may be dedicated to the students in this program.

*Rationale: To accommodate changes to math courses. EF 303 Creating Synergies in Business and Engineering Collaborations (3), was developed for both business and engineering students in IBEP and will provide more relevant material than ENT 451, which is targeting more towards those wanting to start their own company. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Engineering Exploratory Program

Academic Plan	Milestone Notes
Students in the exploratory major should meet with their advisor each term to select courses best suited for their intended career path.	<b>Term 1</b>
	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
	<b>Term 2</b>
	MATH 130 or MATH 131 or higher
	<b>Term 3</b>
	EF 151* or PHYS 135*
	<b>Term 4</b>
	EF 152* or PHYS 136*
	<b>Term 5</b>

Low-  
impact:  
Revise  
program

CBE 201 or COSC 102 or ME 202 or MSE 201
--

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

## DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Chemical Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 4	
Term 2		
CHEM 130* or CHEM 138*	4	MATH 130 or MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
Term 6		
<sup>2</sup> Bio Option I	3	No milestones
CBE 320, CBE 340, CBE 360, <del>CBE 380</del>	9 10	
<sup>3</sup> Technical Elective	3	
Term 7		
CBE 415*, CBE 445, CBE 480	10 9	No milestones
Cultures and Civilizations Elective*	3	
Arts and Humanities Elective*	3	
<sup>3</sup> Technical Elective	3	
Term 8		
<del>CBE 401</del>	2	No milestones
CBE 488* or CBE 490	3	No milestones
Cultures and Civilizations Elective*	3	
<sup>1</sup> Chem Option I	3	
<sup>3</sup> Technical Electives	5 3	
TOTAL	128	

*Rationale: To accommodate changes to math courses. CBE 380 and CBE 401 will no longer be offered. CBE 480 was changed from a 3- to 4-hour course to reflect the change described above. Students have two additional hours of tech electives, maintaining 128 overall hours. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Chemical Engineering – Biomolecular Engineering Concentration

Term 1	Hours	Milestone Notes
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CHEM 120* or CHEM 128*	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 -4	
<b>Term 2</b>		
CHEM 130* or CHEM 138*	4	MATH 130 or MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
<b>Term 5</b>		
Arts and Humanities Elective*	3	CBE 201 or COSC 102 or ME 202 or MSE 201
CBE 301, CBE 350	8	
CHEM 260 or CHEM 268; CHEM 269	4 3	
<b>Term 6</b>		
BIOL 240	4	No milestones
CBE 320, CBE 340, CBE 360, CBE 380	9 10	
CHEM 360 or CHEM 368; CHEM 369	3 5	
<b>Term 7</b>		
BCMB 401 or BCMB 412	4	No milestones
CBE 415*, CBE 445, CBE 480	10 9	
Cultures and Civilizations Elective*	3	
<b>Term 8</b>		
CBE 401 or CBE 475	3 5	No milestones
CBE 488* or CBE 490	3	
Arts and Humanities Elective*	3	
Cultures and Civilizations Elective*	3	
<sup>1</sup> Bio Option I	3	
<b>TOTAL</b>	<b>128</b>	

<sup>1</sup>Bio Option I: BCMB 230, BCMB 311, BCMB 321, BCMB 402, BCMB 415; BIOL 220-BIOL 229, BIOL 260-BIOL 269, BIOL 280; CBE 455; MICR 210\*, MICR 321, MICR 329.

*Rationale: To accommodate changes to math courses. CBE 380 and CBE 401 will no longer be offered. CBE 480 was changed from a 3- to 4-hour course to reflect the change described above. CHEM 369 is no longer offered in the College of Arts & Sciences. We are replacing this 2-hour lab in organic chemistry with the new CHEM 269, a 1-hour lab in organic chemistry. The 3 remaining credit hours allow our students the flexibility to choose a bio elective, maintaining 128 overall hours. Impact on other units: None. Financial impact: None.*

## DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Civil Engineering Major, BS in Civil Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 or MATH 131 or higher or one Arts and Humanities Elective*, Cultures and Civilizations Elective*, or Social Sciences Elective*
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 -4	
Term 2		
EF 152* or EF 158*	4	MATH 130 or MATH 131 or higher
ENGL 102*	3	
CHEM 130* or CHEM 138*	4	
MATH 142* or MATH 148*	4	

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Environmental Engineering Minor

The Tickle College of Engineering offers a minor in environmental engineering to those undergraduate students whose academic history provides the prerequisites for the courses required by the minor. Some of the courses used in the minor may also satisfy a requirement for a major. Students are advised that the first professional degree in environmental engineering at the University of Tennessee, Knoxville, is the Master of Science with a major in environmental engineering which builds on the minor. ~~Students are asked to file their intent to complete the minor with the Department of Civil and Environmental Engineering, 327 John D. Tickle Engineering Building. The student's home department advisor will then be supplied with the information about the minor requirements to assist with prerequisite sequencing.~~

#### Minor Requirements

The minor requires the completion of a minimum of **21 credits** in coursework which builds the foundation of an environmental engineering perspective.

#### Required Courses

##### Select one course:

- CHEM 210 – Foundations of Analytical Chemistry (3)
- CHEM 260 – Foundations of Organic Chemistry (3)
- **CHEM 330 – Foundations of Inorganic Chemistry (3)**
- ENVE 511 - Environmental Chemistry (3)
- ~~CHEM 330 – Foundations of Inorganic Chemistry (3)~~  
and
- ~~CHEM 330 – Foundations of Inorganic Chemistry Laboratory (1)~~

##### Select one course:

- BSE 576 - Applied Microbiology and Bioengineering (3)
- CBE 235 - Fundamentals of Molecular Bioengineering (3)



- CBE 475 - Applied Microbiology and Bioengineering (3)
- ENVE 513 - Environmental Microbiology (3)

**Select one course:**

- BSE 221 - Mass and Energy in Biosystems (3)
- CBE 201 - Material and Energy Balances (4)
- CE 381 - Environmental Engineering I (3)

**Select one course:**

- ~~BSE 416 - Environmental Hydrology~~
- CE 485 - Principles of Hydrogeology (3)
- CE 494 - Water Resources Engineering II (3)
- ~~CE 495 Hydrology (3)~~
- ~~GEOL 485 - Principles of Hydrogeology~~

**Select three courses:**

- BSE 431 - Bioprocess Engineering (3)
- BSE 525 - Soil Erosion and Sediment Yield (3)
- ~~BSE 555 - GIS/GPS Applications to Biosystems~~
- CBE 340 - Mass Transfer and Separation Processes (3)
- CBE 481 - Green Engineering (3)
- CE 481 - Environmental Engineering II (3)
- ENVE 512 - Environmental Transport and Kinetics (3)
- ~~ENVE 515 Open Channel Hydraulics (3)~~
- ~~ENVE 520 - River Mechanics~~
- ENVE 525 - Soil Erosion and Sediment Yield (3)
- ~~ENVE 526 Ecological Engineering for Stream Rehabilitation (3)~~
- ~~ENVE 527 Stream Restoration Design (3)~~
- ~~ENVE 530 - Urban hydrology and Stormwater Engineering~~
- ~~ENVE 531 Hydrology (3)~~
- ~~ENVE 533 Green Infrastructure Design (3)~~
- ~~ENVE 535 - Applied Ground Water Hydrology~~
- ~~ENVE 550 Advanced Applications in Water and Waste Treatment (3)~~
- ENVE 558 - Solid and Hazardous Waste Management (3)
- ENVE 574 - Air Pollution Engineering and Control (3)
- ~~ENVE 586 Sustainable Engineering Design/Analysis (3)~~
- ESS 444 - Environmental Soil Physics (3)
- ESS 454 - Environmental Soil Biology (3)
- ~~GEOG 411 Intermediate GIS (3)~~

**Advising:**

Students are asked to file their intent to complete the Environmental Engineering Minor with the office of the Department of Civil and Environmental Engineering, 325 John D. Tickle Engineering Building. The student's home department advisor will then be supplied with the information about the Minor requirements to assist with prerequisite sequencing. CEE Advisor will enter the minor onto the student profile in Banner. This will allow the minor to be shown on the student's transcript.

*Rationale: Streamline the curriculum to reduce petitions and add and drop courses that were not regularly offered or available. Impact on other units: Students from Biosystems Engineering often take this minor. We have coordinated with that program in making these changes. Financial impact: none.*

## DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

Low-  
impact:  
Revise  
program**REVISE REQUIREMENTS****Computer Engineering Major, BS in Computer Engineering**

Term 1	Hours	Milestone Notes
<sup>1</sup> COSC 102	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 4	
Term 2		
COSC 130	4	MATH 130 or MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
text**REVISE TEXT****Computer Engineering Major – Five-Year BS/MS Program**  
(first paragraph)

The department offers a Five-Year BS-MS program for qualified students. The primary component of the program is that qualified students may take up to 9 ~~6~~ hours of approved graduate courses for their senior undergraduate electives and have them count toward both their bachelor's and master's degrees at the University of Tennessee. This program is designed for students attending the University of Tennessee for their Master of Science degree because other universities may not accept these courses for graduate credit since they were used to satisfy requirements for the Bachelor of Science degree. Significant components of the program are:

*Rationale: This change has been approved by the graduate school, and needs to be reflected in the Undergraduate Catalog. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to the program.*

Low-  
impact:  
Revise  
program**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Computer Science**

Term 1	Hours	Milestone Notes
<sup>1</sup> COSC 102	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 4	
PHYS 135* or PHYS 137* or EF 151* or EF 157*	4-5	
Term 2		
COSC 130	4	MATH 130 or MATH 131 or higher
ENGL 102*	3	

MATH 142* or MATH 148*	4	
PHYS 136* or PHYS 138* or EF 152* or EF 158*	4-5	

### Cybersecurity

COSC 434 - Network Security **or**  
COSC 534 - Network Security

ECE 459 - Secure and Trustworthy Computer Hardware Design **or**  
ECE 559 - Secure and Trustworthy Computer Hardware Design

COSC 445 - Fundamentals of Digital Archeology **or**  
COSC 545 - Fundamentals of Digital Archeology

ECE 462 - Cyber-Physical Systems Security

COSC 466 - Software Security **or**  
COSC 566 - Software Security

ECE 469 - Mobile and Embedded Systems Security **or**  
ECE 569 - Mobile and Embedded Systems Security

~~COSC 469 - Human Factors in Cybersecurity or~~  
~~COSC 569 - Human Factors in Cybersecurity~~

ECE 471 - Introduction to Pattern Recognition **or**  
ECE 571 - Pattern Recognition **or**  
COSC 425 - Introduction to Machine Learning **or**  
~~COSC 522 - Machine Learning~~  
~~COSC 528 - Introduction to Machine Learning~~

COSC 483 - Applied Cryptography **or**  
COSC 583 - Applied Cryptography

*Rationale: To accommodate changes to math courses. These are changes to Cybersecurity courses, and need to be reflected in the tracks/electives listing. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to courses.*

### REVISE TEXT

#### Computer Science Major – Five-Year BS/MS Program (first paragraph)

The department offers a Five-Year BS-MS program for qualified students. The primary component of the program is that qualified students may take up to **9 6** hours of approved graduate courses for their senior undergraduate electives and have them count toward both their bachelor's and master's degrees at the University of Tennessee. This program is designed for students attending the University of Tennessee for their Master of Science degree because other universities may not accept these courses for graduate credit since they were used to satisfy requirements for the Bachelor of Science degree. Significant components of the program are:

*Rationale: This change has been approved by the graduate school, and needs to be reflected in the Undergraduate Catalog. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to the program.*

### REVISE TEXT

#### Computer Science Minor

The Tickle College of Engineering offers a minor in computer science to those undergraduate students whose academic history provides the prerequisites for the courses required by the minor. Some of the courses used in the minor may also satisfy requirements for the student's major. A grade of C or better is required in all computer science courses applied to the minor. The last 12 hours must be taken at the University of Tennessee, Knoxville. **The minor is not open to computer engineering majors.**

Students interested in the Computer Science minor should contact the ~~Office of~~ Professional Advisors in the EECS Department to discuss options for minoring in this field.

Low-  
impact:  
Revise  
text

Low-  
impact:  
Revise  
text

### Minor Requirements

The minor requires the completion of a minimum of **27 credits** in computer science courses.

#### Complete:

- COSC 102 - Introduction to Computer Science (4)
- COSC 130 - Computer Organization (4)
- COSC 140 - Data Structures and Algorithms I (4)
- COSC 302 – Data Structures and Algorithms II (4)  
or
- COSC 307 – Honors: Data Structures and Algorithms II (4)
- ~~ECE 255 – Introduction to Logic Design of Digital Systems~~

#### Select 12 hours:

- ~~ECE 255 - Introduction to Logic Design of Digital Systems~~ (3)
- MATH 371 - Numerical Algorithms or any upper-division COSC courses (3)
- Or any upper-division COSC courses

*Rationale: ECE 255 is no longer fundamental material for Computer Science, with much of its relevant material taught in COSC 130. Therefore, it is no longer required, but is an elective. COSC 302, however, is fundamental material, and should be included in the minor. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply reflects a more appropriate composition of courses for the minor.*

### REVISE REQUIREMENTS

#### Cybersecurity Minor

The minor in cybersecurity prepares graduates to be leaders in the protection of data assets. The curriculum focuses on the techniques, policies, operational procedures, and technologies that secure and defend the availability, integrity, authentication, confidentiality, and nonrepudiation of information and information systems, in local as well as more broadly based domains. The curriculum allows students to explore security of a variety of computing environments: embedded, mobile, server, datacenter, cloud, distributed, and special purpose (e.g. HPC). The minor helps prepare students for careers that address security in application design, information systems, infrastructure, system management, and policy.

The Cybersecurity minor program is intended for students majoring in computer science, computer engineering, and electrical engineering. The Concepts of Cybersecurity minor program is intended to be a university-wide program except for EECS students.

### Minor Requirements

The minor requires the completion of a minimum of **15 credits**.

This minor program is intended for students majoring in computer science, computer engineering, and electrical engineering. It includes ~~three~~ **six** hours of core curriculum and ~~twelve~~ **nine** hours of electives.

#### Complete core curriculum (~~3~~ **6** hours)

- COSC 366 - Introduction to Cybersecurity
- ~~ECE 462 – Cyber-Physical Systems Security~~

Low-  
impact:  
Revise  
program

**Select ~~four~~ three courses (12 ~~9~~ hours):**

- COSC 434 - Network Security **or**
- COSC 534 Network Security
  
- COSC 445 - Fundamentals of Digital Archeology **or**
- COSC 545 Fundamentals of Digital Archeology
  
- COSC 466 Software Security **or**
- COSC 566 Software Security
  
- COSC 469 Human Factors in Security **or**
- COSC 569 Human Factors in Security
  
- COSC 483 - Applied Cryptography **or**
- COSC 583 Applied Cryptography
  
- ECE 459 - Secure and Trustworthy Computer Hardware Design **or**
- ECE 559 Secure and Trustworthy Computer Hardware Design
  
- ECE 462 Cyber-Physical Systems Security
  
- ECE 469 - Mobile and Embedded Systems Security **or**
- ECE 569 - Mobile and Embedded Systems Security
  
- ~~ECE 471 - Introduction to Pattern Recognition,~~
- ~~ECE 571 - Pattern Recognition,~~
- ~~COSC 425 - Introduction to Machine Learning, or~~
- ~~COSC 528 - Introduction to Machine Learning~~

**No more than one course (3 hours) can come from the following:**

- COSC 425 Introduction to Machine Learning, **or**
- COSC 522 Machine Learning
  
- COSC 445 – Fundamentals of Digital Archeology, **or**
- COSC 545 – Fundamentals of Digital Archeology
  
- ECE 471 - Introduction to Pattern Recognition, **or**
- ECE 477 – Honors: Introduction to Pattern Recognition, **or**
- ECE 571 - Pattern Recognition

*Rationale: The update to the Cybersecurity Minor helps improve it in three key ways.*

*First, the minor now reflects what courses are currently offered by the department, and aligns the content of the minor to course prerequisites. Since COSC 366 represents a common “root” prerequisite for all advanced COSC cybersecurity courses, as well as providing valuable background information for ECE security courses, it is now the only “required” class in the minor. Courses included in the minor are ones that have been taught consistently each semester, and courses that are rarely taught have been removed for clarity.*

*Second, the structure of the minor now recognizes the reality that students of different fields (example: CS vs CE) have different interests when it comes to security, and allows students to select security courses relevant to themselves. By removing the requirement of cyber physical security, and making it optional, CE students, along with CS students who find it interesting, can still get credit towards the minor for taking the course, and CS students with no interest in physical devices are not forced to take that course, instead taking a course more relevant to them.*

*Last, the minor still allows students to count one course from a supporting area of study, but removes the ability for students to get a Cybersecurity minor by taking only two security classes. Previously, students could get the cyber security minor by taking Introduction to Cyber Security and Cyber Physical Security, followed by a collection of machine learning courses. This resulted in a student getting a Cyber Security Minor where the primary course component had more to do with machine learning than security. By allowing only one such course in related fields that are applied to cyber security, the minor still recognizes the importance of those topics, but prevents students from avoiding security classes. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply reflects a different composition of courses for the minor.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Electrical Engineering Major, BS in Electrical Engineering

#### Progression Policies and Requirements

The department requires at least a C in every computer engineering, computer science, electrical engineering, and mathematics course used for the undergraduate degrees. ~~Students taking ECE 201 must also have a C or better in EF 152\* or EF 158\*.~~

*Rationale: Now enforcing prerequisites. Impact on other units: none. Financial impact: none.*

#### Requirements for the Bachelor of Science in Electrical Engineering

Term 1	Hours	Milestone Notes
<sup>1</sup> COSC 102	4	MATH 130 <del>or</del> MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* <del>or</del> MATH 141* or MATH 147*	3-4 -4	
Term 2		
COSC 130	4	MATH 130 <del>or</del> MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	

<sup>4</sup> Technical electives chosen from CHEM 130\* or CHEM 138\*; COSC 140, COSC 311, MATH 300 or MATH 307; COSC 370 or COSC 377; ECE 351, ECE 356 or ECE 358; ~~EF 203, EF 303;~~ IE 405, IE 457; ME 231, ME 321, ME 331, ME 363, ME 367; MSE 201 or MSE 207, MSE 410, ~~MSE 460;~~ NE 342 or NE 347; ~~PHYS 250.~~

*Rationale: To accommodate changes to math courses. The faculty have identified four other classes from other majors that are appropriate as technical electives. Also, deleting the language about getting a C in EF 152 or EF 158, as that requirement has moved to the course prerequisites. Impact on other units: The courses listed are either from the college or other majors, which may impact their enrollment. Financial impact: None.*

*This is a low-level change, as it simply reflects a different composition of courses for the minor.*

### Electrical Engineering Major – Five-Year BS/MS Program (first paragraph)

The department offers a Five-Year BS-MS program for qualified students. The primary component of the program is that qualified students may take up to **9 6** hours of approved graduate courses for their senior undergraduate electives and have them count toward both their bachelor's and master's degrees at the University of Tennessee. This program is designed for students attending the University of Tennessee for their Master of Science degree because other universities may not accept these courses for graduate credit since they were used to satisfy requirements for the Bachelor of Science degree. Significant components of the program are:

*Rationale: This change has been approved by the graduate school, and needs to be reflected in the Undergraduate Catalog. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to the program.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Electrical Engineering Major, BS in Electrical Engineering – Power and Energy Systems Concentration

#### Progression Policies and Requirements

The department requires at least a C in every computer engineering, computer science, electrical engineering, and mathematics course used for the undergraduate degrees. ~~Students taking ECE 201 must also have a C or better in EF 152\* or EF 158\*.~~

*Rationale: Now enforcing prerequisites. Impact on other units: none. Financial impact: none.*

#### Requirements for the Bachelor of Science in Electrical Engineering – Power and Energy Systems Concentration

(footnote 4)

Term 1	Hours	Milestone Notes
<sup>1</sup> COSC 102	4	MATH 130 <b>or MATH 131</b> or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
<b>MATH 132* or</b> MATH 141* or MATH 147*	<b>3-4 -4</b>	
Term 2		
COSC 130	4	MATH 130 <b>or MATH 131</b> or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	

<sup>4</sup> Technical electives chosen from COSC 140, COSC 311 or MATH 300 **or MATH 307**, COSC 370; CHEM 130\* or CHEM 138\*; ECE 351; **EF 203, EF 303**; IE 405; MSE 201 or MSE 207, MSE 410, **MSE 460**; ME 231, ME 321, ME 331; NE 342 or NE 347; **PHYS 250**.

*Rationale: To accommodate changes to math courses. This is the exact same as the Electrical Engineering Major – adding four courses to the technical electives, and dropping the language about ECE201 in the opening text. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to the program.*



## **ELECTRICAL ENGINEERING – POWER AND ENERGY SYSTEMS CONCENTRATION – Five-Year BS/MS Program** (first paragraph)

The department offers a Five-Year BS-MS program for qualified students. The primary component of the program is that qualified students may take up to **9 6** hours of approved graduate courses for their senior undergraduate electives and have them count toward both their bachelor's and master's degrees at the University of Tennessee. This program is designed for students attending the University of Tennessee for their Master of Science degree because other universities may not accept these courses for graduate credit since they were used to satisfy requirements for the Bachelor of Science degree. Significant components of the program are:

*Rationale: This change has been approved by the graduate school, and needs to be reflected in the Undergraduate Catalog. Impact on other units: None. Financial impact: None.*

*This is a low-level change, as it simply involves minor changes to the program.*

## **INDUSTRIAL AND SYSTEMS ENGINEERING**

Low-  
impact:  
Revise  
program

### **REVISE REQUIREMENTS**

#### **Industrial Engineering Major, BS in Industrial Engineering**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
<sup>1</sup> Social Sciences Elective*	3	MATH 130 <b>or MATH 131</b> or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
<b>MATH 132* or MATH 141* or MATH 147*</b>	<b>3-4 4</b>	
<b>Term 2</b>		
COSC 102	4	MATH 130 <b>or MATH 131</b> or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
<sup>1</sup> Cultures and Civilizations Elective*	3	

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

## **DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING**

Low-  
impact:  
Revise  
program

### **REVISE REQUIREMENTS**

#### **Requirements for the Bachelor of Science in Materials Science and Engineering**

<b>Term 1</b>	<b>Hours</b>	<b>Milestone Notes</b>
CHEM 120* or CHEM 128*	4	MATH 130 <b>or MATH 131</b> or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	

ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4 -4	
<b>Term 2</b>		
EF 152* or EF 158*	4	MATH 130 or MATH 131 or higher
ENGL 102*	3	
MATH 142* or MATH 148*	4	
MSE 110 or MSE 117, MSE 120 or MSE 127 <del><sup>1</sup>Social Sciences Elective*</del>	6	
<b>Term 7</b>		
MSE 480	3	No milestones
<sup>3</sup> Materials Science and Engineering Elective	3 6	
<sup>1</sup> Social Sciences Elective*	3	
<del><sup>1</sup>Cultures and Civilizations Elective*</del>	3	
<sup>2</sup> Technical Elective	3	
<b>Term 8</b>		
<sup>1</sup> Arts and Humanities Elective*	3	No milestones
<del><sup>1</sup>Social Sciences Elective* <sup>1</sup>Cultures and Civilizations Elective*</del>	3	
MSE 489*	3	
<sup>3</sup> Materials Science and Engineering Elective	3	
<sup>2</sup> Technical Elective	3	
<b>TOTAL</b>	<b>126</b>	

- <sup>1</sup> Chosen from University General Education list. Courses must include any two approved courses in the Arts and Humanities category, any two approved courses in the Cultures and Civilizations category, ~~any two MSE 120\* or MSE 127\* and a second~~ approved ~~courses~~ ~~course~~ in the Social Sciences category, ECON 201\* or ECON 207\* is strongly suggested.
- <sup>2</sup> Chosen from BCMB 230; BIOL 150\* or BIOL 158\*, BIOL 159\*, BIOL 160\*, BIOL 168\*; BME 409; CHEM 260, CHEM 360; CBE 475; ECE 301; EF 333; ENGL 360\*; GEOL 310; MATH 475; any MSE course; PHYS 232\*, other 300- or 400-level science or engineering courses as approved by academic advisor and department head.
- <sup>3</sup> Chosen from MSE 408, MSE 410, MSE 415, MSE 421, MSE 425, MSE 432, MSE 450, MSE 451, MSE 455, MSE 457, MSE 460, MSE 466, MSE 474, MSE 483, MSE 484, MSE 485, MSE 486, MSE 494, MSE 495, MSE 496R.

*Rationale: To accommodate changes to math courses. The current wording of the catalog was approved last year based on a pending application of MSE 120/127 as a social science elective. Since that application was eventually rejected, the showcase curriculum must be adjusted.*  
*Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Aerospace Engineering Major, BS in Aerospace Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	

EF 151* or EF 157*	4	
<sup>1</sup> ENGL 101* or ENGL 118*	3	
<b>MATH 132* or MATH 141* or MATH 147*</b>	<b>3-4 -4</b>	
<b>Term 2</b>		
EF 152* or EF 158*	4	MATH 130 <b>or MATH 131</b> or higher
ENGL 102*	3	
MATH 142* or MATH 148*	4	
MATH 200	2	
ME 202	2	
<sup>2</sup> Social Sciences Elective*	3	

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

### REVISE REQUIREMENTS

#### Requirements for the Bachelor of Science in Biomedical Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 <b>or MATH 131</b> or higher or one Arts and Humanities Elective*, Cultures and Civilizations Elective*, or Social Sciences Elective*
EF 105	1	
EF 151* or EF 157*	4	
<sup>1</sup> ENGL 101* or ENGL 118*	3	
<b>MATH 132* or MATH 141* or MATH 147*</b>	<b>3-4 -4</b>	
<b>Term 2</b>		
CHEM 130* or CHEM 138*	4	MATH 130 <b>or MATH 131</b> or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
ME 202	2	

#### Therapeutics Track:

BME 494; BME 409; BME 405; BME 486; NE 433 and NE 490; CHEM 260 or CHEM 268, CHEM 360 or CHEM 368, **CHEM 359** ~~CHEM 369~~; BCMB 401 and CHEM 260/CHEM 360; BCMB 461; MICR 330; BIOL 159, BCMB 415 and BCMB 416.

*Rationale: To accommodate changes to math courses. CHEM 369 is being dropped and replaced with CHEM 359. Impact on other units: None. Financial impact: None.*

### REVISE REQUIREMENTS

#### Mechanical Engineering Major, BS in Mechanical Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 <b>or MATH 131</b> or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
<b>MATH 132* or MATH 141* or MATH 147*</b>	<b>3-4 -4</b>	

Low-  
impact:  
Revise  
program

Low-  
impact:  
Revise  
program

**Term 2**

<sup>1</sup> Cultures and Civilizations Elective*	3	MATH 130 or MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
ME 202	2	

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

**DEPARTMENT OF NUCLEAR ENGINEERING**

Low-  
impact:  
Revise  
text

**REVISE TEXT**

**Nuclear Engineering**  
(main department page)

**PROGRESSION POLICIES AND REQUIREMENTS****Full Status**

A lower-division student may apply for progression to upper-division after completing CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; **MATH 132\* or** MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*; and PHYS 231\*, with a grade of C or better in each, and an overall GPA of at least 2.5.

**Provisional Status**

Students who have completed CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; **MATH 132\* or** MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*, and PHYS 231\* with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

*Rationale: To accommodate changes to math courses. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS**

**Nuclear Engineering Major, BS in Nuclear Engineering**

**PROGRESSION POLICIES AND REQUIREMENTS****Full Status**

A lower-division student may apply for progression to upper-division after completing CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; **MATH 132\* or** MATH 141\* or MATH 147\*, MATH

142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*; and PHYS 231\*, with a grade of C or better in each, and an overall GPA of at least 2.5.

### Provisional Status

Students who have completed CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; **MATH 132\* or** MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*, and PHYS 231\* with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

### Requirements for the Bachelor of Science in Nuclear Engineering

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 130 <b>or</b> MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
<b>MATH 132* or</b> MATH 141* or MATH 147*	<b>3-4-4</b>	
<b>Term 2</b>		
CHEM 130* or CHEM 138*	4	MATH 130 <b>or</b> MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
<b>Term 4</b>		
<del><sup>1</sup>Arts and Humanities Elective*</del>	<del>3</del>	
<del>NE 250</del>	<del>3</del>	EF 152* or PHYS 136*
MATH 241 or MATH 247	4	
ME 331	3	
PHYS 232*	4	
NE 233	3	
<b>Term 5</b>		
<sup>1</sup> Cultures and Civilizations Elective*	3	CBE 201 or COSC 102 or ME 202 or MSE 201
NE 342 or NE 347, NE 362 or NE 367	6	
PHYS 341	3	
<del>ECE 301</del>	<del>3</del>	
<sup>1</sup> <b>Social Sciences Elective*</b>	<b>3</b>	
<b>Term 6</b>		
NE 351 or NE 357, NE 401*, NE 470	10	No milestones
<del>MSE 201 or MSE 207</del>	<del>3</del>	
<del><sup>1</sup>Social Sciences Elective*</del>	<del>3</del>	
<del>NE 340</del>	<del>3</del>	
<sup>2</sup> <b>Technical Elective</b>	<b>3</b>	
<b>Term 7</b>		

<del>ME 324</del>	3	
NE 360, <del>NE 400*</del> , NE 402* or NE 427*, NE 471	<del>10</del> 9	No milestones
<sup>1</sup> Arts and Humanities Elective*	3	
<sup>2</sup> Technical Elective	3	
<b>Term 8</b>		
<sup>1</sup> Arts and Humanities Elective*	3	No milestones
<sup>1</sup> Cultures and Civilizations Elective*	3	
<del>NE 400*</del> , NE 406 or NE 467, NE 472	<del>6</del> 7	
<sup>2</sup> Technical Elective	3	
<b>TOTAL</b>	<b>126</b>	

*Rationale: To accommodate changes to math courses. Total course hours remain (126). Addition of NE 250 will move some nuclear-specific math into the sophomore year to prepare students for NE 351/357, NE 362/367, NE 401, and NE 402. Students will take NE 340 instead of Materials Science and Engineering 201 and Mechanical Engineering 321, which will be more relevant to nuclear materials performance and evolution. Addition of one more technical elective will make it easier for students to pursue one of our undergraduate minors without extra courses beyond showcase curriculum. Impact on other units: Impact upon Materials Science and Engineering 201, Mechanical Engineering 321, and Electrical and Computer Engineering 301 because ~40 NE students will no longer be taking these courses. Financial impact: Teaching load and fees associated with these service courses would shift to NE.*

Low-  
impact:  
Revise  
text

## REVISE REQUIREMENTS

### Nuclear Engineering Major, BS in Nuclear Engineering – Radiological Engineering Concentration

#### PROGRESSION POLICIES AND REQUIREMENTS

##### Full Status

A lower-division student may apply for progression to upper-division after completing CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; ~~MATH 132\*~~ or MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*; and PHYS 231\*, with a grade of C or better in each, and an overall GPA of at least 2.5.

##### Provisional Status

Students who have completed CHEM 120\* or CHEM 128\*, CHEM 130\* or CHEM 138\*; ~~MATH 132\*~~ or MATH 141\* or MATH 147\*, MATH 142\* or MATH 148\*, MATH 231 or MATH 237; EF 151\* or EF 157\*, EF 152\* or EF 158\*, and PHYS 231\* with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

### Requirements for the Bachelor of Science in Nuclear Engineering – Radiological Engineering Concentration

Term 1	Hours	Milestone Notes
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CHEM 120* or CHEM 128*	4	MATH 130 or MATH 131 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 132* or MATH 141* or MATH 147*	3-4-4	
<b>Term 2</b>		
CHEM 130* or CHEM 138*	4	MATH 130 or MATH 131 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
<b>Term 4</b>		
<del><sup>1</sup>Arts and Humanities Elective*</del>	3	
NE 250	3	EF 152* or PHYS 136*
MATH 241 or MATH 247	4	
ME 331	3	
PHYS 232*	4	
NE 233	3	
<b>Term 5</b>		
<sup>1</sup> Cultures and Civilizations Elective*	3	CBE 201 or COSC 102 or ME 202 or MSE 201
NE 342 or NE 347, NE 362 or NE 367	6	
PHYS 341	3	
<del><sup>1</sup>Social Sciences Elective*</del>	3	
ECE 304	3	
<b>Term 6</b>		
NE 351 or NE 357, NE 401*, NE 470	10	No milestones
<del><sup>1</sup>Social Sciences Elective*</del>	3	
<sup>2</sup> Technical Elective	3	
STAT 251	3	
<b>Term 7</b>		
<del><sup>1</sup>Cultures and Civilizations Elective*</del>	3	
<del><sup>1</sup>Arts and Humanities Elective*</del>	3	No milestones
ME 324	3	
NE 400*, NE 402* or NE 427*, NE 471, NE 490	9 8	
<sup>2</sup> Technical Elective	3	
<b>Term 8</b>		
<sup>1</sup> Arts and Humanities Elective*	3	No milestones
<del><sup>1</sup>Cultures and Civilizations Elective*</del>	3	
NE 400*, NE 406 or NE 467, NE 472	6 7	
<sup>2</sup> Technical Elective	3	
<b>TOTAL</b>	<b>125</b>	

<sup>2</sup> Technical electives are selected from upper-division mathematics, chemistry, physics, and engineering courses and must be preapproved by the department. Courses in Nuclear Engineering, other than 500, 502 and 598, may also be used as technical electives. ~~Pre-medical, pre-veterinary, and pre-dentistry students must also take CHEM 260, CHEM 360 and CHEM 369.~~



*Rationale: To accommodate changes to math courses. Total course hours remain (125). It is wise and best practice for our department to stay away from explicitly inserting pre-med, pre-vet, or pre-dentistry requirements into our catalog requirements. Addition of NE 250 will move some nuclear-specific math into the sophomore year to prepare students for NE 351/357, NE 362/367, NE 401, and NE 402. Students will take an additional technical elective instead of Mechanical Engineering 321, because this course is not relevant to most radiological students. Addition of one more technical elective will make it easier for students to pursue one of our undergraduate minors without extra courses beyond showcase curriculum. Impact on other units: none. Financial impact: none.*

Mid-  
impact:  
Add  
program

## **ADD MINOR**

### **Nuclear Safety Minor**

The UT Department of Nuclear Engineering is developing a Center of Excellence in Nuclear Safety. At the Bachelor of Science Nuclear Engineering level, this includes a minor in Nuclear Safety. Students must file their intent to complete the minor with the Department of Nuclear Engineering prior to graduation. The program is administered through the Nuclear Engineering Department. The grade in each of the required classes must be at least a C. Students should consult with their advisor for the appropriate elective courses in their major.

#### Minor Requirements:

The minor consists of 17 credit hours, including the following 14 credits of core requirements:

#### Complete:

- NE 360 - Reactor Systems and Safety (4)
- NE 402 - Nuclear Engineering Laboratory (4) **or** NE 427 Honors: Nuclear Engineering Laboratory (4)
- NE 485 or NE 585<sup>(1)</sup> - Process Systems Reliability and Safety (3)
- NE 486 or NE 586<sup>(1)</sup> - Nuclear Licensing (3)

#### Choose one elective (3 hours):

- NE 421 - Introduction to Nuclear Criticality Safety (3)
- NE 483 - Introduction to Reliability (3)

<sup>(1)</sup>Students who choose to take any of the 500-level courses should consult with their advisor to determine whether these courses will be applied as undergraduate or graduate credits.

*Rationale: This minor is part of the evolving nuclear safety center of excellence being created with sponsorship from Bechtel. Impact on other units: none. Financial Impact: none.*

## **COLLEGE OF NURSING** All changes effective Fall 2020

### **COURSE CHANGES**

#### **(NURS) Nursing**

Low-  
impact:

## **REVISE DESCRIPTION**

Revise  
course

### **NURS 305 Professional Practice and Role Development (3)**

Focus is on the conceptual foundation of nursing practice, professional issues, and trends in health care delivery. Explores professional opportunities beyond the initial nursing preparation.

*Formerly: Builds on the knowledge base and experience of RNs in transition to professional nursing. Focuses on the conceptual foundations of nursing practice and issues in health care delivery.*

*Rationale: Title more accurately reflects the content of the course. Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Archive  
course

### **ARCHIVE COURSE**

### **NURS 313 Clinical Immersion I (4)**

*Rationale: This course has received an S designation and nursing majors in the traditional tract are required to take NURS 313S. Impact on other units: None. Financial Impact: None*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

### **NURS 314 – Foundations of Professional Nursing Practice (3)**

*(RE) Corequisite(s): NURS 313S, NURS 319, NURS 331, and NURS 352.*

*Formerly: (RE) Corequisite(s): 313, 319, and 331.*

*Rationale: NURS 313 received S-designation.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS, REVISE (RE) COREQUISITE(S)**

### **NURS 319 – Pathophysiology (3)**

*(RE) Corequisite(s): NURS 313S, NURS 314, NURS 331, NURS 352.*

*Formerly: NURS 319 – Pathophysiology (4)*

*(RE) Corequisite(s): 313, 314, 331, 352.*

*Rationale: Credit hour distribution appropriate for the content; Changed Corequisite 313 to 313S with the additional of the S designation. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

### **NURS 321 - Psychiatric Mental Health (3)**

*(RE) Prerequisite(s): NURS 313S, NURS 314, NURS 319, NURS 331, NURS 352.*

*(RE) Corequisite(s): NURS 353, NURS 362S, NURS 363, NURS 371R.*

*Formerly: (RE) Prerequisite(s): 313, 331.*

*No (RE) Corequisite(s).*

*Rationale: These are the courses that student must complete with NURS 321. Impact on other units: None. Financial impact: Requires revision of clinical course fees.*

Low-  
impact:  
Revise  
course

### **ADD (RE) COREQUISITE(S)**

### **NURS 331 - Health Assessment (2)**

*(RE) Corequisites: NURS 313S, NURS 314, NURS 319, NURS 352.*

*Formerly: No (RE) Corequisite(s).*

Low-impact: Revise course	<p><i>Rationale: Rationale: These are the courses that student must complete with NURS 331. Impact on other units: None. Financial impact: None.</i></p> <p><b>ADD (RE) COREQUISITE(S)</b></p> <p><b>NURS 333 - Health Assessment for the Accelerated Student (3)</b> (RE) Corequisites: NURS 309, NURS 316, NURS 322, NURS 354.</p> <p>Formerly: No (RE) Corequisite(s).</p> <p><i>Rationale: Rationale: These are the courses that student must complete with NURS 321. Impact on other units: None. Financial impact: Requires revision of clinical course fees.</i></p>
Mid-impact: Revise and archive course	<p><b>REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S), ARCHIVE</b></p> <p><b>NURS 362 - Clinical Immersion II (4)</b> (RE) Prerequisite(s): NURS 313S, NURS 314, NURS 319, NURS 331, NURS 352. (RE) Corequisite(s): NURS 321, NURS 353, NURS 363.</p> <p>Formerly: (RE) Prerequisite(s): 313, 352. No (RE) Corequisite(s).</p> <p><i>Rationale: 313 Received S-designation. Courses provide students with accurate information regarding courses taken concurrently with NURS 362S. Impact on other units: None. Financial impact: None.</i> <i>Rationale: This course has received an S designation and nursing majors in the traditional tract are required to take NURS 362S. Impact on other units: None. Financial Impact: None.</i></p>
Low-impact: Revise course	<p><b>REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)</b></p> <p><b>NURS 362S - Clinical Immersion II (4)</b> (RE) Prerequisite(s): NURS 313S, NURS 314, NURS 319, NURS 331, NURS 352. (RE) Corequisite(s): NURS 321, NURS 353, NURS 363.</p> <p>Formerly: (RE) Prerequisite(s): 313, 352. No (RE) Corequisite(s).</p> <p><i>Rationale: NURS 313 Received S-designation. Courses provide students with accurate information regarding courses taken concurrently with NURS 362S. Impact on other units: None. Financial impact: None.</i></p>
Mid-impact: Revise and archive course	<p><b>ADD (RE) PREREQUISITE(S), ARCHIVE</b></p> <p><b>NURS 371 - Nursing Research (3)</b> (RE) Prerequisites: CMST 210 or CMST 240; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.</p> <p>Formerly: No (RE) Prerequisite(s).</p> <p><i>Rationale: Prerequisites are required to apply for Vol Core designation. Impact on other units: None. Financial impact: None.</i> <i>Rationale: This course has received an R designation and nursing majors in the traditional tract are required to take NURS 371R. Impact on other units: None. Financial Impact: None.</i></p>
Low-impact:	<p><b>ADD (RE) PREREQUISITE(S)</b></p>

Revise  
course

**NURS 371R - Nursing Research (3)**

(RE) Prerequisites: CMST 210 or CMST 240; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

Formerly: No (RE) Prerequisite(s).

Rationale: Prerequisites are required to apply for Vol Core designation. Impact on other units: None. Financial impact: None.

Mid-  
impact:  
Revise  
and  
archive  
course

**ADD (RE) PREREQUISITE(S), ARCHIVE****NURS 378 - Honors: Nursing Research (3)**

(RE) Prerequisites: CMST 210 or CMST 240; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

Formerly: No (RE) Prerequisite(s).

Rationale: Prerequisites are required to apply for Vol Core designation. Impact on other units: None. Financial impact: None.

Rationale: This course has received an R designation and nursing majors in the traditional tract are required to take NURS 378R. Impact on other units: None. Financial Impact: None.

Low-  
impact:  
Revise  
course

**ADD (RE) PREREQUISITE(S)****NURS 378R - Honors: Nursing Research (3)**

(RE) Prerequisites: CMST 210 or CMST 240; ENGL 102, ENGL 132, ENGL 290, or ENGL 298.

Formerly: No (RE) Prerequisite(s).

Rationale: Prerequisites are required to apply for Vol Core designation. Impact on other units: None. Financial impact: None.

Low-  
impact:  
Revise  
course

**REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)****NURS 405 - Clinical Immersion III (2)**

Provides beginning students the opportunity to practice health promotion, health restoration, and health maintenance within a specialty area such as childbearing women, children, individuals with mental health conditions, requiring critical care or aging adults. Builds on the foundation of nursing knowledge, communication skills, and critical reasoning to address unique needs of the specialty population selected. Experiences are in a variety of settings, supplemented with simulation.

(RE) Prerequisite(s): NURS 353, NURS 361, NURS 362S, NURS 363.

(RE) Corequisite(s): NURS 411, NURS 412, NURS 461, NURS 462S.

Formerly: Provides students the opportunity to practice health promotion, health restoration, and health maintenance with either childbearing women, children, individuals with mental health conditions, or aging adults. Builds on the foundation of nursing knowledge, communication skills, and critical reasoning to address unique needs of the specialty population selected. Experiences are in a variety of settings, supplemented with simulation and service-learning experiences.

(RE) Prerequisite(s): 353.

(RE) Corequisite(s): 321, 353, and 363.

Rationale: Students select and are assigned to a specialty area. This description allows for each of these experiences. Although all generic BSN students are required to take NURS 405 2 credit hours, they may select one of four areas [mental health, maternal-child, pediatrics, or aging]. The additional of Prerequisites and Corequisites reflect the sequencing of the curriculum. Impact on other units: None. Financial impact: Requires revision of clinical course fees.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

**NURS 411 - Maternal-Newborn Nursing (3)**

(RE) Prerequisite(s): NURS 361, NURS 362S, NURS 353, NURS 363.

(RE) Corequisites: NURS 405, NURS 412, NURS 461, NURS 462S.

Formerly: (RE) Prerequisite(s): 361, 362.

No (RE) Corequisite(s).

Rationale: 362 and 462 have received S-designation and the prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

**NURS 412 - Pediatric Nursing (3)**

(RE) Prerequisite(s): NURS 361, NURS 362S.

(RE) Corequisites: NURS 405, NURS 411, NURS 461, NURS 462S.

Formerly: (RE) Prerequisite(s): 361, 362.

No (RE) Corequisite(s).

Rationale: 362 and 462 have received S-designation and the prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.

Low-  
impact:  
Revise  
course

**ADD (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

**NURS 415 - Maternal-Newborn Nursing for the Accelerated Student (3)**

(RE) Prerequisite(s): NURS 351, NURS 419, NURS 420, NURS 422.

(RE) Corequisites: NURS 432, NURS 433, NURS 444, NURS 445, NURS 454.

Formerly: No (RE) Prerequisite(s).

No (RE) Corequisite(s).

Rationale: The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.

Low-  
impact:  
Revise  
course

**ADD (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

**NURS 422 - Psychiatric Mental Health Nursing for the Accelerated Student (3)**

(RE) Prerequisite(s): NURS 309, NURS 316, NURS 322, NURS 333, NURS 354.

(RE) Corequisites: NURS 351, NURS 419, NURS 420.

Formerly: No (RE) Prerequisite(s).

No (RE) Corequisite(s).

Rationale: The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**NURS 432 - Population Health for the Accelerated Student (2)**

(RE) Prerequisite(s): NURS 351, NURS 419, NURS 420, NURS 422.

*Formerly: No (RE) Prerequisite(s).*

*Rationale: The prerequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

**NURS 444 - Pediatric Nursing for the Accelerated Student (3)**

*(RE) Prerequisite(s): NURS 351, NURS 419, NURS 420, NURS 422.*

*(RE) Corequisites: NURS 415, NURS 432, NURS 433, NURS 445, NURS 454.*

*Formerly: (RE) Prerequisite(s): 361.*

*No (RE) Corequisite(s).*

*Rationale: The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REVISE CREDIT HOURS, ADD (RE) COREQUISITE(S)**

**NURS 452 - Nursing Leadership (3)**

*(RE) Corequisite(s): NURS 482, NURS 483.*

*Formerly: NURS 452 - Nursing Leadership (4).*

*No (RE) Corequisite(s).*

*Rationale: Credit hours shifted to address the amount of content in Leadership and Population Health. The corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REVISE CREDIT HOURS, ADD (RE) COREQUISITE(S)**

**NURS 457 - Honors: Nursing Leadership (3)**

*(RE) Corequisite(s): NURS 482, NURS 483.*

*Formerly: NURS 457 - Honors: Nursing Leadership (4)*

*No (RE) Corequisite(s)*

*Rationale: Credit hours shifted to address the amount of content in Leadership and Population Health. The corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)**

**NURS 461 - Nursing Care of the Adult II (3)**

*(RE) Prerequisite(s): NURS 321, NURS 353, NURS 362S, NURS 363, NURS 371R.*

*(RE) Corequisites: NURS 405, NURS 411, NURS 412, NURS 462S.*

*Formerly: (RE) Prerequisite(s): 321, 353, 362, 363, 371.*

*(RE) Corequisite(s): 411, 412, 462.*

*Rationale: 362 and 462 have received S-designation; 371 received R-designation; and the prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Mid-  
impact:

**REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S), ARCHIVE**

Revise  
and  
archive  
course

### **NURS 462 - Clinical Immersion IV (4)**

(RE) Prerequisite(s): NURS 321, NURS 353, NURS 362S, NURS 363, NURS 371R.

(RE) Corequisites: NURS 405, NURS 411, NURS 412, NURS 461.

Formerly: (RE) Prerequisite(s): 353, 362.

No (RE) Corequisite(s).

*Rationale: 362 and 462 have received S-designation and the prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

*Rationale: This course has received an S designation and nursing majors in the traditional tract are required to take NURS 462S. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

### **NURS 462S - Clinical Immersion IV (4)**

(RE) Prerequisite(s): NURS 321, NURS 353, NURS 362S, NURS 363, NURS 371R.

(RE) Corequisites: NURS 405, NURS 411, NURS 412, NURS 461.

Formerly: (RE) Prerequisite(s): 353, 362.

No (RE) Corequisite(s).

*Rationale: 362 and 462 have received S-designation and the prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **ADD (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)**

### **NURS 471R - Nursing Research for the Accelerated Student (3)**

(RE) Prerequisite(s): NURS 309, NURS 316, NURS 322, NURS 333, NURS 354.

(RE) Corequisites: NURS 351, NURS 419, NURS 420, NURS 422.

Formerly: No (RE) Prerequisite(s).

No (RE) Corequisite(s).

*Rationale: The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

*NOTE: This same change needs to be made to the archived base course.*

Low-  
impact:  
Revise  
course

### **REVISE CREDIT HOURS, REVISE DESCRIPTION**

### **NURS 482 - Population Health (3)**

Builds on the foundation of nursing knowledge, communication skills, critical reasoning to understand the unique needs of populations. Evidence-based strategies for health, wellness, and disease prevention with care coordination for vulnerable groups are highlighted.

Formerly: NURS 482 - Population Health (2)

Focus on the primary, secondary, and tertiary prevention of health problems. Concepts of community and population health affecting culturally diverse and vulnerable populations.

*Rationale: Additional credits were required to cover the content. Description more accurately reflects the course content.*

Mid-  
impact:

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S), ARCHIVE**



Revise  
and  
archive  
course

### **NURS 483 - Clinical Immersion V (2)**

Provides students the opportunity to practice health promotion, restoration and maintenance with patient populations. Builds on the foundation of nursing knowledge, communication skills and critical reasoning to address the unique needs of a population. Experiences are in a variety of settings and supplemented with simulation and service-learning

(RE) Prerequisites: NURS 405, NURS 411, NURS 412, NURS 461, NURS 462S.

(RE) Corequisites: NURS 452, NURS 482.

*Formerly: Focuses on the impact of innovation, practice excellence, intra- and inter-professional collaboration, and population health with specific population and/or setting. Builds on all previous immersion practica to synthesize the scientific process, evidence, clinical reasoning, and problem-solving to support clinical decision-making. Experiences are in a variety of settings, supplemented with simulation and service-learning experiences.*

(RE) Prerequisite(s): 405, 461, and 462.

(RE) Corequisite(s): 482.

*Rationale: The description better reflects the content of the course. The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

*Rationale: This course has received an S designation and nursing majors in the traditional tract are required to take NURS 483S. Impact on other units: None. Financial Impact: None.*

Low-  
impact:  
Revise  
course

### **REVISE DESCRIPTION, REVISE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)**

### **NURS 483S - Clinical Immersion V (2)**

Provides students the opportunity to practice health promotion, restoration and maintenance with patient populations. Builds on the foundation of nursing knowledge, communication skills and critical reasoning to address the unique needs of a population. Experiences are in a variety of settings and supplemented with simulation and service-learning

(RE) Prerequisites: NURS 405, NURS 411, NURS 412, NURS 461, NURS 462S.

(RE) Corequisites: NURS 452, NURS 482.

*Formerly: Focuses on the impact of innovation, practice excellence, intra- and inter-professional collaboration, and population health with specific population and/or setting. Builds on all previous immersion practica to synthesize the scientific process, evidence, clinical reasoning, and problem-solving to support clinical decision-making. Experiences are in a variety of settings, supplemented with simulation and service-learning experiences.*

(RE) Prerequisite(s): 405, 461, and 462.

(RE) Corequisite(s): 482.

*Rationale: The description better reflects the content of the course. The prerequisites and corequisites provide the student with information regarding curriculum flow. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course

### **\*REVISE TITLE**

### **\*NURS 494 - Capstone Course for the Registered Nurse (4)**

*Formerly: NURS 494 - Portfolio Development for the Registered Nurse (4)*

*Rationale: Title better reflects the purpose of the course Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Drop  
course

## DROP COURSE

### NURS 495 Clinical Immersion VI (4)

*Rationale: The prefix of this course is being changed to better represent that this is a practicum course.*

## ADD SUBJECT CODE

### (NRSP) Nursing Practicum

Mid-  
impact:  
Add  
course

## ADD COURSE

### NRSP 495 Clinical Immersion VI (4)

Provides opportunity to transition from the student role to the professional role. Builds upon all previous immersion practica to synthesize scientific process, evidence, clinical reasoning, and problem-solving to support clinical decision-making.

(RE) Prerequisite(s): NURS 405, NURS 411, NURS 412, NURS 461, NURS 462.

(RE) Corequisite(s): NURS 496.

Registration Restriction(s): Bachelor of Science in Nursing – nursing major.

*Rationale: This prefix for this course was changed with the “P” better representing that is practicum course. Students work a nurse preceptor over the course of this semester at the end of the nursing program.*

## PROGRAM CHANGES

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Accelerated Track for Bachelor of Science in Nursing

Term 1	Hours	Milestone Notes
NURS 322	3	NURS 309, NURS 316, NURS 322, NURS 333, and NURS 354 with grades of C or better (Not applicable)
NURS 309	4	
NURS 333	3	
NURS 316	3	
NURS 354	1	
Term 2		
NURS 419	4	NURS 351, NURS 419, NURS 420, NURS 422, and NURS 471R with grades of C or better
NURS 420	4	
NURS 422	3	
NURS 351	3	
NURS 471R	3	
Term 3		
NURS 415	3	NURS 415, NURS 432, NURS 433, NURS 444, NURS 445, NURS 454 with grades of C or better
NURS 444	3	
NURS 432	2	
NURS 445	4	

Low-  
impact:  
Revise  
program

NURS 433	2	
NURS 454	2	
<b>TOTAL</b>	<b>47</b>	

### ADD uTRACK SHOWCASE

#### Requirements for the Registered Nurse to Bachelor of in Nursing (RN to BSN)

(new chart)

Term 1	Hours	Milestone Notes
NURS 305	3	NURS 305, NURS 320, NURS 334, NURS 343, and NURS 354 with grades of C or better
NURS 343	3	
NURS 320	3	
NURS 334	3	
Term 2		
NURS 350	3	NURS 350, NURS 383, NURS 401, and NURS 472 with grades of C or better
<sup>1</sup> NURS 383	5	
NURS 401	4	
NURS 472	3	
Term 3		
NURS 455	3	NURS 455 and NURS 494 with grades of C or better
NURS 494	4	
<b>TOTAL</b>	<b>34</b>	

Courses are offered in 7-week blocks with two courses offered each session.

<sup>1</sup>Clinical course is completed in the student's geographic area.

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Nursing Major, BS in Nursing

#### Requirements for the Bachelor of Science in Nursing

Term 5		
<del>NURS 313S</del> <del>NURS 313</del> , NURS 314, NURS 319, NURS 331, and NURS 352	15	<del>NURS 313S</del> <del>NURS 313</del> , NURS 314, NURS 319, NURS 331, and NURS 352 with grades of C or better
Term 6		
NURS 321, NURS 353, <del>NURS 362S</del> <del>NURS 362</del> , NURS 363. May take NURS 405 <sup>5</sup> if chooses Mental Health clinical elective.	12-14	NURS 321, NURS 353, <del>NURS 362S</del> <del>NURS 362</del> , NURS 363, and NURS 371 (or <del>NURS 378R</del> <del>NURS 378</del> ) with grades of C or better
<del>NURS 371R</del> <del>NURS 371</del> or <del>NURS 378R</del> <del>NURS 378</del>	3	
Term 7		
NURS 411, NURS 412, NURS 461, <del>NURS 462S</del> <del>NURS 462</del> . Must take NURS 405 <sup>5</sup> if not taken in Term 6.	13-15	NURS 405 <sup>5</sup> , NURS 411, NURS 412, NURS 461 <del>and</del> <del>NURS 462S</del> , <del>NURS 462</del> with a grade of C or better. Apply to graduate.

Term 8		
NURS 452, NURS 482, <del>NURS 483S</del> <del>NURS 483</del> , NURS 495, NURS 496	12 <del>43</del>	NURS 452, NURS 482, <del>NURS 483S</del> <del>NURS 483</del> , NURS 495, and NURS 496 with grades of C or better
<b>TOTAL</b>	<b>120 <del>423</del></b>	

Mid-  
impact:  
Add  
conc.

## ADD CONCENTRATION

### Bachelor of Science in Nursing – Honors Concentration

#### Nursing Honors Program

The University of Tennessee's Nursing Honors Program (NHP) includes academically enhanced nursing seminars, courses, and a scholarly project.

The NHP is designed to create an intellectual adventure and enhance the educational experience of high-achieving undergraduate nursing majors. Collaborative relationships with nursing faculty, academically enhanced nursing courses, and small-group seminars provide students with opportunities to develop a scholarly project and disseminate the findings at university, regional, and national forums. The program provides a strong foundation for baccalaureate students planning to pursue graduate education. The NHP complements university-level honors programs such as the Haslam Scholars and Chancellor's Honors Programs.

#### Benefits

- Build relationships with nurse scientists in the College of Nursing and have the opportunity to begin a unique and individual area of scholarship.
- Receive recognition on your transcript that you have completed the honors program.
- Earn an honors medallion to be worn during commencement.
- Prepared for graduate education.

If students are requiring additional coursework for the Haslam Scholars and Chancellor's Honors Programs, N482 Population Health will be modified to meet those criteria.

#### Admission Requirements

An invitation to apply to the NHP will be sent to full-time sophomore BSN students in the top 10% of their class by the NHP coordinator. To apply to the program, invited students need to:

- Complete the Nursing Honors Program application by April 1 of their sophomore year
- Submit a short essay.
- Submit a letter of recommendation from a UT faculty member or UT instructor

Note: All students in the Chancellor's Honors and Haslam Scholars program are automatically eligible for the NHP provided they are in good academic standing. They must notify the NHP coordinator by April 1 of their sophomore year of their intent to participate in the NHP.

Students accepted into the program must remain in good academic standing, with a GPA of at least 3.5, and complete all Nursing courses with a minimum grade of B- or higher.

#### Requirements for the Bachelor of Science in Nursing – Honors Concentration

Term 1	Hours	Milestone Notes
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BIOL 101*	4	2.0 cumulative GPA
<sup>1</sup> Chemistry Sequence*	4	Enrolled in at least 12 hours
ENGL 101* or ENGL 118*	3	
MATH 125*	3	
PSYC 110* or PSYC 117*	3	
<b>Term 2</b>		
<sup>2</sup> Arts and Humanities Elective*	3	ENGL 102* with a grade of C or better
<sup>1</sup> Chemistry Sequence*	4	Enrolled in at least 12 hours
ENGL 102*	3	
STAT 201* or STAT 207*	3	
<sup>3</sup> Unrestricted Elective	3	
<b>Term 3</b>		
CFS 210*	3	3.2 cumulative GPA to begin upper division nursing courses
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	EEB 240 or BCMB 230 with a grade of C or better
<sup>2</sup> Cultures and Civilizations Elective*	3	Enrolled in at least 12 hours
<sup>4</sup> EEB 240	4	
MICR 210*	3	
<b>Term 4</b>		
<sup>4</sup> BCMB 230	5	3.2 cumulative GPA to begin upper division nursing courses
<sup>2</sup> Cultures and Civilizations Elective*	3	NURS 201 with a grade of C or better
NURS 201	2	Enrolled in at least 12 hours
NUTR 100*	3	All lower-division requirements fulfilled
PHIL 252*	3	
<b>Term 5</b>		
NURS 313S, NURS 314, NURS 319, NURS 331, and NURS 352, NURS 388	16	NURS 313S, NURS 314, NURS 319, NURS 331, NURS 352, and NURS 388 with grades of B- or better
<b>Term 6</b>		
NURS 321, NURS 353, NURS 362S, NURS 363. May take NURS 405.	12-14	NURS 321, NURS 353, NURS 362S, NURS 363, NURS 378R, and NURS 388 with grades of B- or better
NURS 378R and NURS 388	4	
<b>Term 7</b>		
NURS 411, NURS 412, NURS 461, NURS 462S, and NURS 488.	14-16	NURS 405, NURS 411, NURS 412, NURS 461, NURS 462S, and NURS 488 with a grade of B- or better. Apply to graduate.
<b>Term 8</b>		
NURS 454, NURS 482, NURS 483S, NURS 488, NURS 495, and NURS 496	12	NURS 454, NURS 482, NURS 483S, NURS 488, NURS 495, and NURS 496 with grades of B- or better
<b>TOTAL</b>	<b>123</b>	

\* Meets University General Education Requirement.

<sup>1</sup> Select sequence from CHEM 100\*-CHEM 110\*, CHEM 120\*-CHEM 130\*, or CHEM 128\*-CHEM 138\*.

<sup>2</sup> Chosen from the University General Education List.

<sup>3</sup> Any course not already required for the major.

<sup>4</sup> Transfer students need a total of at least 8 credit hours in anatomy and physiology.

**COLLEGE OF SOCIAL WORK**

All changes effective Fall 2020

**COURSE CHANGES****(SOWK) Social Work**Mid-  
impact:  
Archive  
course**ARCHIVE COURSE****SOWK 380 Field Practicum I (3)**

*Rationale: We only plan to teach the N-designated version of this course (SOWK 380N), so we want to archive the base course. Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course**ADD (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)****SOWK 460 Integrative Seminar (3)**

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*(RE) Corequisite(s): SOWK 481N or SOWK 483N.*

*Formerly: no (RE) Prerequisite(s).*

*(RE) Corequisite(s): 481 or 483.*

*Rationale: This course will be submitted for the Written Composition Vol Core category, which requires the aforementioned English prerequisites. We plan only to teach the N-designated version (SOWK 481N or 483N), so we want to archive the base course corequisites (SOWK 481 or 483). Impact on other units: None. Financial impact: None.*

Low-  
impact:  
Revise  
course**ADD (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S), REVISE COMMENT(S)****SOWK 467R Honors: Integrative Seminar (3)**

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298.*

*(RE) Corequisite(s): SOWK 481N or SOWK 483N.*

*Comment(s): Social work majors not involved in the honors concentration may register with permission of the instructor and successful completion of 417R with a grade of B or above.*

*Formerly: no (RE) Prerequisite(s).*

*(RE) Corequisite(s): 481 or 483.*

*Comment(s): Social work majors not involved in the honors concentration may register with permission of the instructor and successful completion of 417 with a grade of B or above.*

*Rationale: This course will be submitted for the Written Composition Vol Core category, which requires the aforementioned English prerequisites. We plan only to teach the N-designated version (SOWK 481N or 483N), so we want to archive the base course corequisites (SOWK 481 or 483). Impact on other units: None. Financial impact: None.*

Mid-  
impact:  
Archive  
course**ARCHIVE COURSES****SOWK 480 Field Practicum II (6)**

*Rationale: We only plan to teach the N-designated version of this course (SOWK 480N), so we want to archive the base course. Impact on other units: None. Financial impact: None.*

**SOWK 481 Field Practicum III (6)**

*Rationale: We only plan to teach the N-designated version of this course (SOWK 481N), so we want to archive the base course. Impact on other units: None. Financial impact: None.*

**SOWK 483 Block Field Practicum (12)**

*Rationale: We only plan to teach the N-designated version of this course (SOWK 483N), so we want to archive the base course. Impact on other units: None. Financial impact: None.*

**PROGRAM CHANGES**

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Social Work**

<b>Term 6</b>		
SOWK 313	4	SOWK 380
SOWK 315	3	2.5 cumulative GPA
SOWK 316	3	
<del>SOWK 380N</del> <del>SOWK 380</del>	3	
SOWK 385	1	
<sup>4</sup> Unrestricted Elective	1	
<b>Term 7</b>		
SOWK 416, <del>SOWK 480N</del> <del>SOWK 480</del>	9	2.5 cumulative GPA
SOWK 410	3	
SOWK 485	1	
<sup>4</sup> Unrestricted Elective	3	
<b>Term 8</b>		
SOWK 460	3	SOWK 481 or SOWK 483
<del>SOWK 481N</del> <del>SOWK 481</del> (if <del>SOWK 480N</del> <del>SOWK 480</del> in Term 7) or <del>SOWK 483N</del> <del>SOWK 483</del>	6 or 12	2.5 cumulative GPA
SOWK 495 (if <del>SOWK 480N</del> <del>SOWK 480</del> in Term 7) or SOWK 496	1 or 2	
<sup>4</sup> Unrestricted Electives	3	

*Rationale: The College is archiving the base courses and only teaching the N-designated versions.*

Low-  
impact:  
Revise  
program

**REVISE REQUIREMENTS****Requirements for the Bachelor of Science in Social Work – Honors Program**

<b>Term 6</b>		
SOWK 313	4	SOWK 380
SOWK 315	3	3.5 cumulative GPA
SOWK 318	3	
<del>SOWK 380N</del> <del>SOWK 380</del>	3	
SOWK 385	1	
<sup>4</sup> Unrestricted Elective	3	
<b>Term 7</b>		



SOWK 417R	3	3.5 cumulative GPA
<del>SOWK 480N SOWK 480</del>	6	
SOWK 485	1	
Elective	2-3	
<b>Term 8</b>		
SOWK 467R	3	SOWK 481 or SOWK 483
<del>SOWK 481N SOWK 481</del> (6) (if <del>SOWK 480N SOWK 480</del> in Term 7) or <del>SOWK 483N SOWK 483</del>	6 or 12	3.5 cumulative GPA
SOWK 495 (6) (if <del>SOWK 480N SOWK 480</del> in Term 7) or SOWK 496	1 or 2	
<sup>5</sup> Social Work Elective (400-level)	3	

*Rationale: The College is archiving the base courses and only teaching the N-designated versions.*

## OTHER ACADEMIC UNITS

### CENTER FOR GLOBAL ENGAGEMENT

All changes effective Fall 2020

#### (ELI) English Language Institute

Low-  
impact:  
Revise  
course

#### REVISE GRADING RESTRICTION(S)

##### ELI 110 Fundamentals in Academic English

Grading Restriction(s): *ABC/N grading only.*

Formerly: Grading Restriction(s): A, B, C, No Credit grading only.

*Rationale: Updating to comply with HOPE scholarship policies. Impact on other units: none. Financial impact: none.*

### OFFICE OF FIRST YEAR STUDIES

All changes effective fall 2020

Low-  
impact:  
Revise  
course

#### REVISE DESCRIPTION

##### FYS 100 – The Volunteer Connection (0)

This online course is required for all first-year students and designed to ease the transition to the college environment by introducing academic life at the University of Tennessee. FYS 100 consists of four modules including academic, personal, community and social responsibility. Students also become acquainted with important Instructional Technology tools, and develop an awareness of campus resources and specific strategies that help facilitate success in college life.

*Formerly: This online course is required for all first-year students and designed to ease the transition to the college environment by introducing academic life at the University of Tennessee. FYS 100 consists of four modules including academic, personal, community, and social responsibility. As part of the academic adjustment, students engage in a common reading experience with fellow members of UT's diverse academic community, become acquainted with important Instructional Technology (IT) tools, and develop an awareness of campus resources and specific strategies that can help facilitate success in college life.*

Low-  
impact:  
Revise  
course

*Rationale: The common read experience (Life of the Mind) program has been put on hiatus until further notice. It is possible the program may not be re-instated. Impact on other units: Minimal. Financial impact: None.*

### **REVISE GRADING RESTRICTION**

#### **FYS 101: The UT Experience (1)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction(s): A, B, C, No Credit grading only.*

*Rationale: To comply with state regulations for the HOPE scholarship. Impact on other units: None. Financial Impact: None.*

### **(TRNS) Transition**

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **TRNS 201: Transitioning on Rocky Top (1)**

*Grading Restriction(s): ABC/N grading only.*

*Formerly: Grading Restriction(s): A, B, C, No Credit grading only.*

*Rationale: To comply with state regulations for the HOPE scholarship. Impact on other units: None. Financial Impact: None.*

## **HONORS AND SCHOLARS PROGRAMS**

All changes effective Fall 2020

### **(UNHO) University Honors**

Low-  
impact:  
Revise  
course

### **REVISE GRADING RESTRICTION**

#### **UNHO 101: Honors First-Year Seminar (1)**

*Grading Restriction(s): Letter grade only.*

*Formerly: Grading Restriction(s): A, B, C, No Credit grading only.*

*Rationale: We were alerted by Vice Provost Hinde that ABC/NC course are not compliant with the regulations of the HOPE scholarship. UNHO 101 is an honors course (all of the syllabi are evaluated based on the Honors & Scholars rubric) and the only required course for the 1794 Scholars Program, so it is important that it remain a letter grade course. Financial Impact on the Unit: None. Financial Impact on the University: None.*

## **PROPOSALS FOR THE 2021-2022 CATALOG**

### **COLLEGE OF ARTS AND SCIENCES**

All changes effective Fall 2021

### **COURSE CHANGES**

**DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY  
(BCMB) Biochemistry and Cellular and Molecular Biology**

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**BCMB 230 - Human Physiology (5)**

(RE) Prerequisite(s): CHEM 112-CHEM 113 or CHEM 132-CHEM 133.

Formerly: (RE) Prerequisite(s): Chemistry 110 or Chemistry 130.

Rationale: updating due to proposed changes in general chemistry program. Impact on other units: none. Financial impact: none.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**BCMB 321 - Introductory Plant Physiology (3)**

(RE) Prerequisite(s): BIOL 101-BIOL 102 or BIOL 113-BIOL 114-BIOL 115 or BIOL 150-BIOL 160-BIOL 159 or equivalent; and CHEM 132-CHEM 133 or CHEM 138.

Formerly: (RE) Prerequisite(s): Biology 101-102 or 113-114-115 or 150-160-159 or equivalent; and Chemistry 130 or 138.

Rationale: updating due to proposed changes in general chemistry program. Impact on other units: none. Financial impact: none.

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**BCMB 333 - Structural Biology and Human Health (3)**

(RE) Prerequisite(s): BIOL 160 or equivalent; and CHEM 132-CHEM 133.

Formerly: (RE) Prerequisite(s): Biology 160 or equivalent; and Chemistry 130.

Rationale: updating due to proposed changes in general chemistry program.  
Impact on other units: none. Financial impact: none

**DIVISION OF BIOLOGY  
(BIOL) Biology**

Low-  
impact:  
Revise  
course

**REVISE COMMENT(S)**

**BIOL 160 - Cellular and Molecular Biology (3)**

Comment(s): The instructors strongly recommend that Biology 160 students either have taken, or are currently taking, Chemistry 122-123. Although not required, it is recommended that Biology 150 and 160 be taken in sequence.

Formerly: Comment(s): The instructors strongly recommend that Biology 160 students either have taken, or are currently taking, Chemistry 120. Although not required, it is recommended that Biology 150 and 160 be taken in sequence.

Rationale: updating to reflect changes in general chemistry program. Impact on other units: none. Financial impact: none.

Low-  
impact:

**REVISE COMMENT(S)**

Revise  
course

### **BIOL 168 - Honors Cellular and Molecular Biology (3)**

Comment(s): The instructors strongly recommend that Biology 168 students either have taken, or are currently taking, Chemistry 122-123. Although not required, it is recommended that Biology 158 and 168 be taken in sequence.

Formerly: Comment(s): The instructors strongly recommend that Biology 168 students either have taken, or are currently taking, Chemistry 120. Although not required, it is recommended that Biology 158 and 168 be taken in sequence.

*Rationale: updating to reflect changes in general chemistry program. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) COREQUISITE(S)**

#### **BIOL 240 - General Genetics (4)**

(RE) Corequisite(s): CHEM 132 and CHEM 133.

Formerly: (RE) Corequisite(s): Chemistry 130.

*Rationale: updating to reflect changes in general chemistry program. Impact on other units: none. Financial impact: none.*

## **DEPARTMENT OF CHEMISTRY (CHEM) Chemistry**

High-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CHEM 100 - Principles of Chemistry (4)**

*Rationale: We are adding Chemistry 102, a three-credit hour lecture course with a weekly discussion and Chem 103 a one credit hour standalone lab to replace the dropped course. Impact on other units: Other majors requiring CHEM 100 will need to update their requirements to state the need for 102 and 103 instead. Financial impact: none.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 102 - Principles of Chemistry (3)**

A general course in theoretical and descriptive chemistry. Modern atomic theory, chemical bonding, molecular structures and geometries, stoichiometry, quantitative aspects of solution chemistry, thermochemistry, intermolecular forces, gas laws, kinetics, and nuclear chemistry. *Credit Restriction: Credit may be received for only one of the following courses – CHEM 100, CHEM 102, CHEM 120, CHEM 122, or CHEM 128.*

(RE) Corequisite(s): CHEM 103.

Equivalency Table for program requirements

Old course	New course
CHEM 100	CHEM 102 and CHEM 103

*Rationale: the current combined lecture and lab, CHEM 100, is being split into independent courses, and this course serves as the new course number for just the lecture component. While the lecture (102) and lab (103) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 100 will need to update their requirements to state the need for 102 and 103 instead. Financial impact: none.*

High-  
impact:  
Add  
Course

*Note that this course is applying for NS/non-lab designation but has not yet been approved by the Gen Ed Committee.*

### **ADD COURSE**

#### **CHEM 103 - Principles of Chemistry Laboratory (1)**

Experiments focusing on the topics discussed in CHEM 102 and basic laboratory techniques to illustrate the principles of chemistry from experimental data.

(RE) Corequisite (s): CHEM 102.

Equivalency Table for program requirements

Old course	New course
CHEM 100	CHEM 102 and CHEM 103

*Rationale: The current combined lecture and lab, CHEM 100, is being split into independent courses, and this course serves as the new course number for just the laboratory component. While the lecture (102) and lab (103) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 100 will need to update their requirements to state the need for 102 and 103 instead. Financial Impact: none.*

*Note that this course is applying for NS (with lab if taken with CHEM 102) designation but has not yet been approved by the Gen Ed Committee.*

High-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CHEM 110 - Introduction to Organic and Biochemistry (4)**

*Rationale: We are adding Chem 112, a three-credit hour lecture course with a weekly discussion and Chem 113, a one credit hour stand-alone lab to replace the dropped course. Impact on other units: Other academic units requiring Chem 110 will need to update their requirements to Chem 112 and Chem 113 instead. Financial impact: none.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 112 - Introduction to Organic and Biochemistry (3)**

A course that provides an introduction to organic and biochemistry. Students will learn functional groups and basic reactions. They will also learn about carbohydrates, lipids, proteins, and enzymes.

*Credit Restriction: Credit may be received for only one of the following courses – CHEM 100, CHEM 102, CHEM 110, CHEM 112, CHEM 120, CHEM 122, or CHEM 128.*

(RE) Prerequisite(s): CHEM 102 and CHEM 103.

(RE) Corequisite(s): CHEM 113.

Equivalency Table for program requirements

Old course	New course
CHEM 110	CHEM 112 and CHEM 113

*Rationale: The current combined lecture and lab, CHEM 110, is being split into independent courses, and this course serves as the new course number for just the lecture component. While the lecture (112) and lab (113) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 110 will need to update their requirements to state the need for 112 and 113 instead. Financial impact: none.*

*Note that this course is applying for NS/non-lab designation but has not yet been approved by the Gen Ed Committee.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 113 - Introduction to Organic and Biochemistry Laboratory (1)**

A laboratory course to accompany CHEM 112. Perform basic organic reactions and laboratory procedures including melting point, crystallization, extraction, and chromatography.

*(RE) Prerequisite(s): CHEM 103.*

*(RE) Corequisite(s): CHEM 112.*

Equivalency Table for program requirements

Old course	New course
CHEM 110	CHEM 112 and CHEM 113

*Rationale: The current combined lecture and lab, CHEM 110, is being split into independent courses, and this course serves as the new course number for just the laboratory component. While the lecture (112) and lab (113) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 110 will need to update their requirements to state the need for 112 and 113 instead. Financial impact: none.*

*Note that this course is applying for NS (with lab if taken with CHEM 112) designation but has not yet been approved by the Gen Ed Committee.*

High-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CHEM 120 - General Chemistry I (4)**

*Rationale: We are adding Chemistry 122, a three-credit hour lecture course with a weekly discussion and Chem 123 a one credit hour standalone lab to replace the dropped course.*

*Impact on other units: Other majors requiring CHEM 120 will need to update their requirements to state the need for 122 and 123 instead. Financial impact: none.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 121 - Introduction to Chemistry Concepts (1)**

Problem solving in chemistry applications including introductions to dimensional analysis, bonding, chemical equations and stoichiometry. This course is designed to prepare students for 122 when a stronger background in basic chemistry concepts, especially relating to fundamental mathematics, is necessary.

*Grading Restriction(s): ABC/N grading only.*

*Credit Restriction: Students who receive a grade of C or better in CHEM 102, CHEM 122, or CHEM 128 may not subsequently receive credit for CHEM 121. May not be used toward a major or minor in chemistry.*

*Rationale: This course is designed to alleviate deficiencies in students' chemistry background to ensure their future success in general chemistry. The goal of this change is to address the relatively high failure rate in general chemistry. Impact on other units: none. Financial impact: none.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 122 - General Chemistry I (3)**

A general course in theoretical and descriptive chemistry. Modern atomic theory, chemical bonding, molecular structures and geometries, stoichiometry, and quantitative aspects of solution chemistry, gas laws, and chemical energy.

*Credit Restriction: Credit may be received for only one of the following courses – CHEM 100, CHEM 102, CHEM 122, or CHEM 128.*

*(RE) Prerequisite(s): MATH 119 or Math ACT score of 25 or higher or SAT Math score of 620 or higher.*

*(RE) Corequisite(s): CHEM 123.*

Equivalency Table for program requirements

Old course	New course
CHEM 120	CHEM 122 and CHEM 123

*Rationale: The current combined lecture and lab, CHEM 120, is being split into independent courses, and this course serves as the new course number for just the lecture component. While the lecture (122) and lab (123) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. There is a slight modification to the description of the course relative to 120 in order to reflect our current course coverage that was updated to an "Atoms First" approach of material with a textbook change five years ago. The change in order of material results in a shuffling of some subjects between the first and second semesters (122 and 132) of the course and does not reflect the inclusion of any addition. Impact on other units: Other majors requiring CHEM 120 will need to update their requirements to state the need for 122 and 123 instead. Financial Impact: none.*

*Note that this course is applying for NS/non-lab designation but has not yet been approved by the Gen Ed Committee.*

High-  
impact:  
Add  
Course

### ADD COURSE

#### **CHEM 123 - General Chemistry I Laboratory (1)**

Experiments focusing on the topics discussed in CHEM 122 and covering the basic techniques of measuring and analyzing data from chemical reactions.

*(RE) Corequisite(s): CHEM 122.*

Equivalency Table for program requirements

Old course	New course
CHEM 120	CHEM 122 and CHEM 123

*Rationale: The current combined lecture and lab course, CHEM 120, is being split into independent courses, and this course serves as the new course number for just the laboratory component. While the lecture (122) and lab (123) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 120 will need to update their requirements to state the need for 122 and 123 instead. Financial impact: none.*

*Note that this course is applying for NS (with lab if taken with CHEM 122) designation but has not yet been approved by the Gen Ed Committee.*

Low-  
impact:  
Revise  
course

### REVISE CREDIT RESTRICTION

#### **CHEM 128 - Honors General Chemistry I (4)**

*Credit Restriction: Credit may be received for only one of the following courses or sequences – CHEM 112-CHEM 113, CHEM 122-CHEM 123, or CHEM 128.*

*Formerly: Credit Restriction: Credit may be received for only one of the following courses – 100, 120, or 128.*



*Rationale: updating to reflect changes made in the general Chemistry courses. Impact on other units: none. Financial impact: none.*

High-  
impact:  
Drop  
Course

### **DROP COURSE**

#### **CHEM 130 - General Chemistry II (4)**

*Rationale: We are adding Chem 132, a three-credit hour lecture course with a weekly discussion and Chem 133, a one credit hour standalone lab to replace the dropped course. Impact on other units: Other academic units requiring Chem 130 will need to update their requirements to Chem 132 and Chem 133 instead. Financial impact: none.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 132 - General Chemistry II (3)**

A general course in theoretical and descriptive chemistry. Intermolecular forces, kinetics, chemical equilibria, acid and base chemistry, thermodynamics, electrochemistry, and introduction to coordination chemistry.

*Credit Restriction: Credit may be received for only one of the following - CHEM 100, CHEM 102, CHEM 130, CHEM 132, or CHEM 138.*

*(RE) Prerequisite(s): CHEM 122 or CHEM 128 with a grade of C or better.*

*(RE) Corequisite(s): CHEM 133.*

Equivalency Table for program requirements

Old course	New course
CHEM 130	CHEM 132 and CHEM 133

*Rationale: The current combined lecture and lab, CHEM 130, is being split into independent courses, and this course serves as the new course number for just the lecture component. While the lecture (132) and lab (133) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components.*

*There is a slight modification to the description of the course relative to 130 in order to reflect our current course coverage that was updated to an "Atoms First" approach of material with a textbook change five years ago. The change in order of material results in a shuffling of some subjects between the first and second semesters (122 and 132) of the course and does not reflect the inclusion of any additional material.*

*A grade requirement has also been to be added to the existing prerequisite. The goal of this change is to improve student success by providing clarity about the level of background knowledge necessary for the course.*

*Impact on other units: Other majors requiring CHEM 130 will need to update their requirements to state the need for 132 and 133 instead. Financial Impact: none.*

*Note that this course is applying for NS/non-lab designation but has not yet been approved by the Gen Ed Committee.*

High-  
impact:  
Add  
Course

### **ADD COURSE**

#### **CHEM 133 - General Chemistry II Laboratory (1)**

Experiments focusing on the topics discussed in CHEM 132 and covering intermolecular forces, properties of solutions, kinetics, equilibrium, acid-base reactions, thermodynamics, and other topics covered in general chemistry II.

*(RE) Prerequisite(s): CHEM 123 or CHEM 128 with a grade of C or better.*

*(RE) Corequisite(s): CHEM 132.*

Equivalency Table for program requirements

Old course	New course
CHEM 130	CHEM 132 and CHEM 133

*Rationale: The current combined lecture and lab, CHEM 130, is being split into independent courses, and this course serves as the new course number for just the laboratory component. While the lecture (132) and lab (133) courses will be corequisites, the separation of the courses will allow more flexibility for students needing to re-take just one of the components. Impact on other units: Other majors requiring CHEM 130 will need to update their requirements to state the need for 132 and 133 instead. Financial impact: none.*

*Note that this course is applying for NS (with lab if taken with CHEM 132) designation but has not yet been approved by the Gen Ed Committee.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **CHEM 200 - Introduction to Chemical Research (1)**

*(RE) Prerequisite(s): CHEM 122 and CHEM 123; or CHEM 128.*

*Formerly: (RE) Prerequisite(s): 120 or 128.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **CHEM 210 - Foundations of Analytical Chemistry (3)**

*(RE) Prerequisite(s): CHEM 132 and CHEM 133; or CHEM 138.*

*Formerly: (RE) Prerequisite(s): 130 or 138.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S)**

#### **CHEM 260 - Foundations of Organic Chemistry (3)**

*(RE) Prerequisite(s): CHEM 132 and CHEM 133; or CHEM 138.*

*Formerly: (RE) Prerequisite(s): 130 or 138.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (RE) PREREQUISITE(S), REVISE COMMENT**

#### **CHEM 268 - Honors: Foundations of Organic Chemistry (3)**

*(RE) Prerequisite(s): CHEM 132 and CHEM 133; or CHEM 138.*

*Comment(s): Students using 132-133 as a prerequisite must have a grade of B or better and permission of instructor. Intended and recommended for chemistry, biochemistry, and other physical science majors preparing for careers in science or health-related fields.*

*Formerly: (RE) Prerequisite(s): 130 or 138.*

*Comment(s): Students using 130 as a prerequisite must have a grade of B or better and permission of instructor. Intended and recommended for chemistry, biochemistry, and other physical science majors preparing for careers in science or health-related fields.*

Low-  
impact:  
Revise  
course

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

**REVISE (RE) PREREQUISITE(S)**

**CHEM 269 - Foundations of Organic Chemistry Laboratory (1)**

*(RE) Prerequisite(s): CHEM 132-CHEM 133 or CHEM 138.*

*Formerly: (RE) Prerequisite(s): 130 or 138.*

*(RE) Corequisite(s): 260 or 268.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none*

Low-  
impact:  
Revise  
course

**REVISE (RE) COREQUISITE(S)**

**CHEM 300 - Introductory Research in Chemistry (1)**

*(RE) Corequisite(s): CHEM 132 and CHEM 133; or CHEM 138.*

*Formerly: (RE) Corequisite(s): 130 or 138.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**CHEM 340 - Foundation Selected Topics in Chemistry (3)**

*(RE) Prerequisite(s): CHEM 132 and CHEM 133; or CHEM 138.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence. Impact on other units: none. Financial Impact: none.*

Low-  
impact:  
Revise  
course

**REVISE (RE) PREREQUISITE(S)**

**CHEM 370 - Foundations of Physical Chemistry (3)**

*(RE) Prerequisite(s): CHEM 132 and CHEM 133, or CHEM 138 and PHYS 136 or PHYS 138 or PHYS 222 and MATH 142 or MATH 148.*

*Formerly: (RE) Prerequisite(s): 130 or 138 and Physics 136 or 138 or 222 and Mathematics 142 or 148.*

*Rationale: Changing prerequisites to match course numbers for the new General Chemistry sequence (122/123 and 132/133) proposed. Impact on other units: none. Financial impact: none.*

**DEPARTMENT OF EARTH AND PLANETARY SCIENCES  
(GEOL) Geology**

Low-  
impact:  
Revise  
course

**REVISE (RE) COREQUISITE(S)**

**GEOL 310 – Mineralogy (4)**

*(RE) Corequisite(s): CHEM 122-CHEM 123.*

*Formerly: (RE) Corequisite(s): Chemistry 120.*

Low-  
impact:  
Revise  
course

*Rationale: updating due to proposed changes in the general chemistry curriculum. Impact on other units: none. Financial impact: none.*

### **REVISE RECOMMENDED BACKGROUND**

#### **GEOL 461 - Organic Geochemistry (3)**

*Recommended Background: CHEM 132-CHEM 133 or consent of instructor.*

*Formerly: Recommended Background: Chemistry 130 or consent of instructor.*

*Rationale: updating due to proposed changes in the general chemistry curriculum. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **REVISE (DE) PREREQUISITE(S)**

#### **GEOL 462 - Environmental Aqueous Geochemistry (3)**

*(DE) Prerequisite(s): CHEM 132-CHEM 133 and MATH 132, MATH 141, MATH 147, or MATH 151, or consent of instructor.*

*Formerly: (DE) Prerequisite(s): CHEM 130 and MATH 132, 141, 147, or 151, or consent of instructor.*

*Rationale: updating due to proposed changes in the general chemistry curriculum as well as mathematics. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
course

### **+REVISE (RE) PREREQUISITE(S)**

#### **GEOL 465 – Geomicrobiology (3)**

*(Same as Microbiology 465.)*

*(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298 and one eight-credit sequence chosen from ASTR 151-ASTR 153 and ASTR 152-ASTR 154; ASTR 217-ASTR 218; BIOL 101-BIOL 102; BIOL 113-BIOL 114-BIOL 115; BIOL 150-BIOL 160-BIOL 159; BIOL 158-BIOL 168-BIOL 167; CHEM 102-CHEM 103 and CHEM 112-CHEM 113; CHEM 122-CHEM 123 and CHEM 132-CHEM 133; CHEM 128-CHEM 138; GEOG 137-GEOG 132; or two courses chosen from GEOL 101, GEOL 102, GEOL 103, GEOL 104, GEOL 107, GEOL 108; or PHYS 135-PHYS 136, PHYS 137-PHYS 138, or PHYS 221-PHYS 222.*

*Formerly: (RE) Prerequisite(s): English 102, 132, 290, or 298 and one eight-credit sequence chosen from Astronomy 151-153 and 152-154; Astronomy 217-218; Biology 101-102; Biology 113-114-115; Biology 150-160-159; Biology 158-168-167; Chemistry 100-110; Chemistry 120-130; Chemistry 128-138; Geography 137-132; or two courses chosen from Geology 101, 102, 103, 104, 107, 108; or Physics 135-136, 137-138, or 221-222.*

*Note this revision must also be made to the secondary course, MICR 465.*

*Rationale: updating due to proposed changes in the general chemistry curriculum. Impact on other units: cross listed Micr 465. Financial impact: none.*

## **DEPARTMENT OF MICROBIOLOGY (MICR) Microbiology**

Low-  
impact:

### **REVISE (RE) PREREQUISITE(S)**

#### **MICR 333 - Astrobiology (3)**

Revise  
course

(RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298 and one eight-credit sequence chosen from ASTR 151-ASTR 153 and ASTR 152-ASTR 154; ASTR 217-ASTR 218; BIOL 101-BIOL 102; BIOL 113-BIOL 114-BIOL 115; BIOL 150-BIOL 160-BIOL 159; BIOL 158-BIOL 168-BIOL 167; CHEM 102-CHEM 103 and CHEM 112-CHEM 113; CHEM 122-CHEM 123 and CHEM 132-CHEM 133; CHEM 128-CHEM 138; GEOG 131-GEOG 132; GEOG 137-GEOG 132; or two courses chosen from GEOL 101, GEOL 102, GEOL 103, GEOL 104, GEOL 107, GEOL 108; or PHYS 135-PHYS 136, PHYS 137-PHYS 138, or PHYS 221-PHYS 222.

Formerly: (RE) Prerequisite(s): ENGL 102, ENGL 132, ENGL 290, or ENGL 298 and one eight-credit sequence chosen from ASTR 151-ASTR 153 and ASTR 152-ASTR 154; ASTR 217-ASTR 218; BIOL 101-BIOL 102; BIOL 113-BIOL 114-BIOL 115; BIOL 150-BIOL 160-BIOL 159; BIOL 158-BIOL 168-BIOL 167; CHEM 100 and CHEM 110; CHEM 120 and CHEM 130; CHEM 128-CHEM 138; GEOG 131-GEOG 132; GEOG 137-GEOG 132; or two courses chosen from GEOL 101, GEOL 102, GEOL 103, GEOL 104, GEOL 107, GEOL 108; or PHYS 135-PHYS 136, PHYS 137-PHYS 138, or PHYS 221-PHYS 222.

*Rationale: Update prerequisites to include changes proposed in the general chemistry curriculum. Impact on other units; None. Financial impact: none.*

## PROGRAM CHANGES

### COLLEGE OF ARTS AND SCIENCES

#### Main College page

Low-  
impact:  
Revise  
text

#### REVISE TEXT

#### College of Arts and Sciences (Main college page)

#### Arts & Sciences-College-wide requirements: Foundations

##### Natural Sciences

Science and technology play an important role in many aspects of modern life, and as citizens we are increasingly asked to make decisions about public policy questions with scientific or technological aspects. Familiarity with scientific methods of inquiry and with the development and testing of scientific hypotheses provides us with the foundation to make these decisions in an informed and responsible way, and also helps us distinguish science from pseudoscience. The Natural Sciences component of the Perspectives requirement serves to introduce students both to the basic discoveries, foundational knowledge, and logical organization of a scientific discipline and to the experimental methods used in that discipline for scientific inquiry and for the testing of scientific hypotheses.

Students may satisfy this requirement by completing one of the 8-credit laboratory sequences listed below.

ASTR 151\*-ASTR 153\* and ASTR 152\*-ASTR 154\* (all four of these courses must be completed to fulfill the 8-credit requirement), ASTR 217\*-ASTR 218\*; BIOL 101\*-BIOL 102\*, BIOL 113\*-BIOL 114\*-BIOL 115\*, BIOL 150\*-BIOL 160\*-BIOL 159\* (all three of these courses must be completed to fulfill the 8-credit requirement), BIOL 158\*-BIOL 168\*-BIOL 167\* (all three of these courses must be completed to fulfill the 8-credit requirement); ~~CHEM 102-CHEM 103-CHEM 112-CHEM 113~~ ~~CHEM 100\*-CHEM 110\*~~, ~~CHEM 122-CHEM 123-CHEM 132-CHEM 133~~ ~~CHEM 120\*-CHEM 130\*~~, CHEM 128\*-CHEM 138\*; GEOG 131\*-GEOG 132\*, GEOG 137\*-GEOG 132\*; two courses chosen

from GEOL 101\*, GEOL 102\*, GEOL 103\*, GEOL 104\*, GEOL 107\*, GEOL 108\*; PHYS 135\*-PHYS 136\*, PHYS 137\*-PHYS 138\*, PHYS 221\*-PHYS 222\*

*Rationale: updating to include newly proposed changes made in the general chemistry curriculum  
Impact on other units: none. Financial impact: none*

## DIVISION OF BIOLOGY

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Biological Sciences Minor Minor Requirements

##### Complete:

- BIOL 150 - Organismal and Ecological Biology \* (or equivalent)
- BIOL 160 - Cellular and Molecular Biology \* (or equivalent)
- BIOL 159 - Skills of Biological Investigation \* (or equivalent)
- or
- BIOL 113 - Introductory Plant Biology I \*
- BIOL 114 - Introductory Plant Biology II \*
- BIOL 115 - Introductory Plant Biology Laboratory \*
- and
- ~~CHEM 120 General Chemistry I\* (or equivalent)~~
- CHEM 122 General Chemistry I\* (or equivalent)
- CHEM 123 General Chemistry I Laboratory\* (or equivalent)
- ~~CHEM 130 General Chemistry II\* (or equivalent)~~
- CHEM 132 General Chemistry II\* (or equivalent)
- CHEM 133 General Chemistry II Laboratory\* (or equivalent)

*Rationale: updating to reflect proposed changes in the general chemistry curriculum. Impact on other units: none. Financial impact: none.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Biological Sciences Major, BS – Biochemistry and Cellular and Molecular Biology Concentration

To declare biological sciences as a major, students must have an overall GPA of 2.0, be in good academic standing and have completed ~~CHEM 120-CHEM 130\*~~ **CHEM 122-CHEM 123 and CHEM 132-CHEM 133**, and BIOL 150\* or BIOL 113\* with a minimum grade of C. Although the completion of either BIOL 113\*-BIOL 114\*-BIOL 115\* or BIOL 150\*-BIOL 160\*-BIOL 159\* are permissible as prerequisites to the major, the faculty encourage students to take BIOL 150\*-BIOL 160\*-BIOL 159\*, particularly if they are pre-professional students.

##### Prerequisites

##### Complete:

- ~~CHEM 120 General Chemistry I\* (or equivalent)~~
- CHEM 122 General Chemistry I\* (or equivalent)
- CHEM 123 General Chemistry I Laboratory\* (or equivalent)
- ~~CHEM 130 General Chemistry II\* (or equivalent)~~
- CHEM 132 General Chemistry II\* (or equivalent)
- CHEM 133 General Chemistry II Laboratory\* (or equivalent)

##### BCMB Concentration

##### I. Complete:

- CHEM 269 – Foundations of Organic Chemistry Lab
- CHEM 359 - In-depth Organic Chemistry Laboratory
- ~~CHEM 369 – Organic Chemistry Laboratory – Preprofessional, Non-chemistry Majors~~

### Requirements for Biological Sciences Major – Biochemistry and Cellular and Molecular Biology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or <del>CHEM 122-123</del> <del>CHEM 120</del> * with a grade of C or better
<del>CHEM 122-123</del> <del>CHEM 120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
<del>CHEM 132-133</del> <del>CHEM 130</del> * or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or <del>CHEM 122-123</del> <del>CHEM 120</del> * or <del>CHEM 132-133</del> <del>CHEM 130</del> * with a grade of C or better
ENGL 102* (or equivalent)	3	
MATH 142*, MATH 148*, or MATH 152*	3-4	
<sup>1</sup> Elective	0-1	
Term 3		
BIOL 240	4	Select an additional course from: BIOL 150* or BIOL 160* or <del>CHEM 132-133</del> <del>CHEM 130</del> * with a grade of C or better
CHEM 260-CHEM 269 or CHEM 268	3	
Foreign Language (intermediate level) *	3	
PHYS 221*	4	
<sup>1</sup> Elective	1	
Term 4		
BIOL 220 or BIOL 260 or BIOL 280	2-3	ENGL 102*
CHEM 360 or CHEM 368; CHEM 359	5	<del>CHEM 132-133</del> <del>CHEM 130</del> * or CHEM 260 with a grade of C or better
Foreign Language (intermediate level) *	3	Select an additional course from: BIOL 160* or BIOL 220 or BIOL 240 or BIOL 260 or BIOL 280 with a grade of C or better
PHYS 222*	4	
<sup>1</sup> Elective	0-1	

*Rationale: updating program to reflect changes made in Chemistry. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

### Biological Sciences Major, BS – Ecology and Evolutionary Biology Concentration

Low-  
impact:  
Revise  
program



To declare biological sciences as a major, students must have an overall GPA of 2.0, be in good academic standing and have completed **CHEM 122-CHEM 123 and CHEM 132-CHEM 133** ~~CHEM 120\*-CHEM 130\*~~, and BIOL 150\* or BIOL 113\* with a minimum grade of C. Although the completion of either BIOL 113\*-BIOL 114\*-BIOL 115\* or BIOL 150\*-BIOL 160\*-BIOL 159\* are permissible as prerequisites to the major, the faculty encourage students to take BIOL 150\*-BIOL 160\*-BIOL 159\*, particularly if they are pre-professional students.

### Prerequisites

Complete:

- ~~CHEM 120 General Chemistry I\* (or equivalent)~~
- **CHEM 122 General Chemistry I\* (or equivalent)**
- **CHEM 123 General Chemistry I Laboratory\* (or equivalent)**
- ~~CHEM 130 General Chemistry II\* (or equivalent)~~
- **CHEM 132 General Chemistry II\* (or equivalent)**
- **CHEM 133 General Chemistry II Laboratory\* (or equivalent)**

### Requirements for Biological Sciences Major – Ecology and Evolutionary Biology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or <b>CHEM 122-CHEM 123</b> <del>CHEM 120*</del> with a grade of C or better
<b>CHEM 122-CHEM 123</b> <del>CHEM 120*</del> or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
<b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 120* or <b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> with a grade of C or better
ENGL 102* (or equivalent)	3	
MATH 132*, MATH 142*, MATH 148*, or MATH 152*	3-4	
<sup>1</sup> Elective	0-1	
Term 3		
BIOL 260-BIOL 269	4	Select an additional course from: BIOL 150* or BIOL 160* or <b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> with a grade of C or better
Ecology and Evolutionary Biology (major quantitative course)	3	
Foreign Language (intermediate level) *	3	
PHYS 221	4	
Term 4		
Arts and Humanities Elective (List A or B) *	3	ENGL 102*
BIOL 280-BIOL 281	4	<b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> with a grade of C or better

EEB 406 or EEB 411	3	Select an additional course from: BIOL 160*, BIOL 260-BIOL 269 or BIOL 280-BIOL 281 with a grade of C or better
Foreign Language (intermediate level) *	3	
Social Sciences Elective*	3	

*Rational: More options are given to students for completing concentration requirements. Also updates to reflect changes made in Chemistry. Impact on other units: none. Financial impact: none.*

## REVISE REQUIREMENTS

### Biological Sciences Major, BS – Microbiology Concentration

To declare biological sciences as a major, students must have an overall GPA of 2.0, be in good academic standing and have completed **CHEM 122-CHEM 123 and CHEM 132-CHEM 133** ~~CHEM 120\*-CHEM 130\*~~, and BIOL 150\* or BIOL 113\* with a minimum grade of C. Although the completion of either BIOL 113\*-BIOL 114\*-BIOL 115\* or BIOL 150\*-BIOL 160\*-BIOL 159\* are permissible as prerequisites to the major, the faculty encourage students to take BIOL 150\*-BIOL 160\*-BIOL 159\*, particularly if they are pre-professional students.

#### Prerequisites

Complete:

- ~~• CHEM 120 General Chemistry I\* (or equivalent)~~
- CHEM 122 General Chemistry I\* (or equivalent)
- CHEM 123 General Chemistry I Laboratory\* (or equivalent)
- ~~• CHEM 130 General Chemistry II\* (or equivalent)~~
- CHEM 132 General Chemistry II\* (or equivalent)
- CHEM 133 General Chemistry II Laboratory\* (or equivalent)

#### Requirements for Biological Sciences Major – Microbiology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or <b>CHEM 122-CHEM 123</b> <del>CHEM 120*</del> with a grade of C or better
<b>CHEM 122-CHEM 123</b> <del>CHEM 120*</del> or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
<b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or <b>CHEM 122-CHEM 123</b> <del>CHEM 120*</del> or <b>CHEM 132-CHEM 133</b> <del>CHEM 130*</del> with a grade of C or better
ENGL 102* (or equivalent)	3	
MATH 142*, MATH 148*, or MATH 152*	3-4	
<sup>1</sup> Elective	0-1	
Term 3		

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impact:  
Revise  
program

BIOL 220-BIOL 229	4	Select an additional course from: BIOL 150* or BIOL 160* or <b>CHEM 132-CHEM 133</b> <del>CHEM 130</del> * with a grade of C or better
CHEM 260-CHEM 269 or CHEM 268	3	
Foreign Language (intermediate level) *	3	
PHYS 221*	4	
<sup>1</sup> Elective	0-1	
<b>Term 4</b>		
BIOL 240, BIOL 260, or BIOL 280	2-4	ENGL 102*
CHEM 360 or CHEM 368; CHEM 359	5	<b>CHEM 132-CHEM 133</b> <del>CHEM 130</del> * or CHEM 260-CHEM 269 with a grade of C or better
Foreign Language (intermediate level) *	3	Select an additional course from: BIOL 160*, BIOL 220-BIOL 229, BIOL 240, BIOL 260, or BIOL 280 with a grade of C or better
PHYS 222*	4	
<sup>1</sup> Elective	0-1	

*Rationale: updating program to reflect changes made in Chemistry. Impact on other units: none. Financial impact: none.*

## DEPARTMENT OF CHEMISTRY

Low-  
impact:  
Revise  
text

### REVISE TEXT

**Chemistry**  
(main department page)

#### Placement in General Chemistry Sequences

The sequences which meet all of the requirements of a year of general chemistry and which serve as prerequisite for upper-division courses are **CHEM 122-CHEM 123-CHEM 132-CHEM 133** ~~CHEM 120\*-CHEM 130\*~~ and CHEM 128\*-CHEM 138\*; chemistry majors are strongly urged to take the latter sequence. Courses **CHEM 102-CHEM 103** ~~CHEM 100\*~~ and **CHEM 112-CHEM 113** ~~CHEM 110\*~~ emphasize organic and biochemistry, and may not be used as prerequisite for other chemistry courses.

It is possible to move from one sequence to another if permission for substitution is obtained in advance. For example, a student who finds a need to complete the **CHEM 122-CHEM 123-CHEM 132-CHEM 133** ~~CHEM 120\*-CHEM 130\*~~ series after having completed **CHEM 102-CHEM 103** ~~CHEM 100\*~~ may substitute **CHEM 102-CHEM 103** ~~CHEM 100\*~~ for **CHEM 122-CHEM 123** ~~CHEM 120\*~~ with approval of the Department of Chemistry and may then take **CHEM 132-CHEM 133** ~~CHEM 130\*~~. Credit may be received for only one of the courses **CHEM 102-CHEM 103** ~~CHEM 100\*~~, **CHEM 122-CHEM 123** ~~CHEM 120\*~~, or CHEM 128\*.

In any chemistry course above the freshman level which has **CHEM 132-CHEM 133** ~~CHEM 130\*~~ as a prerequisite, **CHEM 112-CHEM 113** ~~CHEM 110\*~~ may be used as a prerequisite with approval of the Department of Chemistry.

CHEM 128\*-CHEM 138\* are honors courses designed for the student who has already made considerable progress in science. Class size is limited to promote faculty-student interaction. Selection is based on ACT scores, high school chemistry grade, and, if necessary, performance on a placement examination to be given during the first class meeting. A student receiving a

Low-  
impact:  
Revise  
program

passing grade below B in CHEM 128\* will complete the year's work by taking ~~CHEM 132-CHEM 133~~ ~~CHEM 130~~\*.

## REVISE REQUIREMENTS

### Chemistry Major, BS

#### Prerequisites

Select one sequence:

- ~~CHEM 120 General Chemistry I\* (or equivalent)~~
  - ~~CHEM 122 General Chemistry I\* (or equivalent)~~
  - ~~CHEM 123 General Chemistry I Laboratory\* (or equivalent)~~
  - ~~CHEM 130 General Chemistry II\* (or equivalent)~~
  - ~~CHEM 132 General Chemistry II\* (or equivalent)~~
  - ~~CHEM 133 General Chemistry II Laboratory\* (or equivalent)~~
- or preferably
- CHEM 128 - Honors: General Chemistry I
  - CHEM 138 - Honors: General Chemistry II

#### Requirements for Chemistry Major, BS

Term 1	Hours	Milestone Notes
<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> * or CHEM 128*	4	MATH 119 or Math ACT score of 25 or higher
ENGL 101* (or equivalent)	3	
Foreign Language (intermediate level) *	3	
MATH 141* or MATH 147*	4	
Term 2		
<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> * or CHEM 138*	4	<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> * or CHEM 128*
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 130, MATH 131, or Math ACT score of 28 or higher
MATH 132*, MATH 142* or MATH 148*	4	
<sup>1</sup> A&S elective requirements	3	
Term 3		
<sup>2</sup> Cognitive elective requirement	3	<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> * or CHEM 138*
CHEM 260 (Foundation Course)	3	MATH 132* or MATH 141*
CHEM 210 (Foundation Course)	3	ENGL 102*
Foundation Lab (must complete 4 of 5 from CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389)	1	
PHYS 135* or PHYS 137* or PHYS 221*	4-5	

*Rationale: we are splitting the combined general chemistry lecture and lab into two courses.  
Impact on other units: any degree requiring CHEM 120-130. Financial impact: none.*

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Chemistry Major, BS, ACS Certified

## Prerequisites

Select one sequence:

- ~~CHEM 120 General Chemistry I\* (or equivalent)~~
- CHEM 122 General Chemistry I\* (or equivalent)
- CHEM 123 General Chemistry I Laboratory\* (or equivalent)
- ~~CHEM 130 General Chemistry II\* (or equivalent)~~
- CHEM 132 General Chemistry II\* (or equivalent)
- CHEM 133 General Chemistry II Laboratory\* (or equivalent)
- or preferably
- CHEM 128 - Honors: General Chemistry I \*
- CHEM 138 - Honors: General Chemistry II \*

## Requirements for Chemistry Major, BS, ACS Certified

Term 1	Hours	Milestone Notes
<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> * or CHEM 128*	4	MATH 119 or Math ACT score of 25 or higher
ENGL 101* (or equivalent)	3	
<sup>1</sup> Foreign Language (intermediate level)*	3	
MATH 132, MATH 141* or MATH 147*	4	
Term 2		
<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> * or CHEM 138*	4	<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> *
ENGL 102* (or equivalent)	3	ENGL 101*
<sup>1</sup> Foreign Language (intermediate level)*	3	MATH 130, MATH 131, or Math ACT score of 28 or higher
MATH 142* or MATH 148*	4	
A and S Elective Requirements	3	
Term 3		
CHEM 260 (Foundation Course)	3	<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> *
CHEM 210 (Foundation Course)	3	MATH 132* or MATH 141*
Foundation Labs CHEM 219 and CHEM 269	2	ENGL 102*
PHYS 135* or PHYS 137*	4-5	

*Rationale: we are splitting the combined general chemistry lecture and lab into two courses.*

*Impact on other units: any program requiring 120, 130. Financial impact: none.*

## DEPARTMENT OF EARTH AND PLANETARY SCIENCES

Low-  
impact:  
Revise  
program

## REVISE REQUIREMENTS

### Geology and Environmental Studies Major, BS – Environmental Studies Concentration

#### Corequisites

E. Select one sequence:

- ~~CHEM 100 – Principles of Chemistry \*~~
- CHEM 102 – Principles of Chemistry\*
- CHEM 103 – Principles of Chemistry Laboratory\*
- ~~CHEM 110 – Introduction to Organic and Biochemistry~~

- ~~CHEM 112 – Introduction to Organic and Biochemistry~~
- ~~CHEM 113 – Introduction to Organic and Biochemistry~~
- or
- ~~CHEM 120 General Chemistry I\*~~
- ~~CHEM 122 General Chemistry I\*~~
- ~~CHEM 123 General Chemistry I Laboratory\*~~
- ~~CHEM 130 General Chemistry II\*~~
- ~~CHEM 132 General Chemistry II\*~~
- ~~CHEM 133 General Chemistry II Laboratory\*~~
- or
- PHYS 221 - Elements of Physics I \*
- PHYS 222 - Elements of Physics II \*

### Requirements for Geology and Environmental Studies Major – Environmental Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101* (or equivalent)	3	Completion of at least 12 credit hours
<del>CHEM 102-CHEM 103</del> <del>CHEM 100*</del> , <del>CHEM 122-CHEM 123</del> <del>CHEM 120*</del> , CHEM 128* or PHYS 221*	4	
Foreign Language (intermediate level) *	3	
MATH 123*, MATH 125*, MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
<sup>1</sup> Electives	1	
Term 2		
ENGL 102* (or equivalent)	3	ENGL 101*
Foreign Language (intermediate level) *	3	MATH 119 or Math ACT 25
<del>CHEM 112-CHEM 113</del> <del>CHEM 110*</del> , <del>CHEM 132-CHEM 133</del> <del>CHEM 130*</del> , CHEM 138*, or PHYS 222*	4	
Completion of required math sequence*	3-4	
Social Sciences*	3	

*Rationale: updating requirements to reflect the changes in the general chemistry. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

### Geology and Environmental Studies Major, BS – Geology Concentration

#### Prerequisites

A. Select one sequence:

- ~~CHEM 120 General Chemistry I\*~~
- ~~CHEM 122 General Chemistry I\*~~
- and
- ~~CHEM 123 General Chemistry I Laboratory\*~~
- ~~CHEM 130 General Chemistry II\*~~
- ~~CHEM 132 General Chemistry II\*~~
- and
- ~~CHEM 133 General Chemistry II Laboratory\*~~
- or
- CHEM 128 - Honors: General Chemistry I \*
- CHEM 138 - Honors: General Chemistry II \*

Low-  
impact:  
Revise  
program

Note: ~~CHEM 122-CHEM 123~~ ~~CHEM 120\*~~ or CHEM 138\* may be taken concurrently with 300-level geology courses.

### Requirements for Geology and Environmental Studies Major – Geology Concentration

Term 1	Hours	Milestone Notes
<del>CHEM 122-CHEM 123</del> <del>CHEM 120*</del> or CHEM 128*	4	GEOL 101*
ENGL 101* (or equivalent)	3	MATH 119 or Math ACT 25
GEOL 101*	4	
MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
<sup>1</sup> Elective	0-1	
Term 2		
<del>CHEM 132-CHEM 133</del> <del>CHEM 130*</del> or CHEM 138*	4	<del>CHEM 122-CHEM 123</del> <del>CHEM 120*</del> or MATH 132* or MATH 141* or MATH 151*
Completion of required math sequence*	3-4	ENGL 101*
ENGL 102* (or equivalent)	3	
GEOL 103*	4	
<sup>1</sup> Elective	0-1	
Term 4		
Communicating Orally Elective*	3	<del>CHEM 132-CHEM 133</del> <del>CHEM 130*</del>
EF 151*, EF 157*, PHYS 135*, PHYS 137*, or PHYS 221*	4	ENGL 102*
Foreign Language (intermediate level) *	3	Completion of required math sequence
GEOL 330	4	One 300-level Geology course with a grade of C or better

*Rationale: updating requirements to reflect the changes in the general chemistry. Impact on other units: none. Financial impact: none.*

## MEDICAL LABORATORY SCIENCE

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

### Requirements for the Bachelor of Science – Medical Laboratory Science Major

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150* or BIOL 158*	3	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One course from BIOL 150* or CHEM 120* with a grade of C or better
<del>CHEM 122-CHEM 123</del> <del>CHEM 120*</del> or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional course from BIOL 150*, CHEM 120*, or CHEM 130* with a grade of C or better
<del>CHEM 132-CHEM 133</del> <del>CHEM 130*</del> or CHEM 138*	4	ENGL 101*



ENGL 102* (or equivalent)	3	
Communicating Orally Elective*	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	

*Rationale: updates to reflect program changes made in chemistry. Impact on other units: none.  
Financial impact: none.*

## Pre-Professional Programs

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for Pre-Professional Programs Major – Pre-Dentistry Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150* or BIOL 158*	3	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
<del>CHEM 122-CHEM 123</del> <del>CHEM-120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better
<del>CHEM 132-CHEM 133</del> <del>CHEM-130</del> * or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	

*Rationale: updates to reflect program changes made in chemistry. Impact on other units: none.  
Financial impact: none.*

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Requirements for Pre-Professional Programs Major – Pre-Medicine Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150* or BIOL 158*	3	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
<del>CHEM 122-CHEM 123</del> <del>CHEM-120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better

Low-  
impact:  
Revise  
program

<del>CHEM 132-CHEM 133</del> <del>CHEM-130</del> * or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	

*Rationale: updates to reflect program changes made in chemistry. Impact on other units: none. Financial impact: none.*

### REVISE REQUIREMENTS

#### Requirement for Pre-Professional Programs Major – Pre-Pharmacy Concentration

Term 1	Hours	Milestone Notes
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
<del>CHEM 122-CHEM 123</del> <del>CHEM-120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 125*, MATH 132*, MATH 141*, MATH 147*, or MATH 152*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better
<del>CHEM 132-CHEM 133</del> <del>CHEM-130</del> * or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
STAT 201* or STAT 207* or MATH 115*	3	

*Rationale: updates to reflect program changes made in chemistry. Impact on other units: none. Financial impact: none .*

### REVISE REQUIREMENTS

#### Requirement for Pre-Professional Programs Major – Pre-Veterinary Medicine Concentration

Term 1	Hours	Milestone Notes
<sup>1</sup> BIOL 150*, BIOL 158*	3	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan with a grade of C or better
<del>CHEM 122-CHEM 123</del> <del>CHEM-120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan with a grade of C or better

Low-  
impact:  
Revise  
program

<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> * or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102* (or equivalent)	3	
<sup>2</sup> Quantitative Reasoning Electives*	3-4	

*Rationale: updates to reflect program changes made in chemistry. Impact on other units: none.  
Financial impact: none.*

## Department of Psychology

Low-  
impact:  
Revise  
program

### REVISE REQUIREMENTS

#### Neuroscience Major, BS

Complete:

- ~~CHEM 120 General Chemistry I\*~~
- ~~CHEM 122 General Chemistry I\*~~
- ~~CHEM 123 General Chemistry I Laboratory\*~~
- ~~CHEM 130 General Chemistry II\*~~
- ~~CHEM 132 General Chemistry II\*~~
- ~~CHEM 133 General Chemistry II Laboratory\*~~

#### Neuroscience Major, BS – (uTrack Requirements)

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	Completion of at least 12 credit hours
BIOL 159* or BIOL 167*	2	
<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> * or CHEM 128*	4	
ENGL 101* (or equivalent)	3	
MATH 125*, MATH 132*, MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
<del>CHEM 132-CHEM 133</del> <del>CHEM 130</del> * or CHEM 138*	4	
INPG 200	1	
ENGL 102* (or equivalent)	3	
MATH 142*, MATH 147*, MATH 152*, STAT 201*, or STAT 207*	3-4	
Term 3		
BIOL 240	4	BIOL 150*
Foreign Language (intermediate level) *	3	<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> *
PHYS 221*	4	
PSYC 110* or PSYC 117*	3	
Term 4		
BCMB 311	3	ENGL 102*
Foreign Language (intermediate level) *	3	<del>CHEM 122-CHEM 123</del> <del>CHEM 120</del> *
PSYC 301	3	
PHYS 222*	4	
<sup>1</sup> Elective	3	

*Rationale: updating requirements to reflect changes made in Chemistry. Impact on other units: none. Financial impact: none.*

## GENERAL EDUCATION COMMITTEE

### The University of Tennessee, Knoxville General Education Committee Minutes of the Meeting January 15, 2020

**Call to order:** A regular meeting of the General Education Committee was held in Room 270 of the Student Union on January 15, 2020. The meeting was called to order by Barbara Murphy, Committee Chair, at 8:30 am.

**Members and Subcommittee Chairs present:** Barbara Murphy, Chair, Ken Baker, Richard Bennett, Megan Bryson, Chuck Collins, Erin Darby, Marleen Davis, Kim Denton (by proxy Amanda Gandy), George Drinnon (by proxy Betsy Gullett), John Hass, Cheryl Kojima, Joanne Logan, Charissa Powell, Jeff Ringer, Margie Russell, Casey Sams, Scott Wall, and Amanda Warren (by proxy Ken Baker)

**Others present:** Mary Beth Burlison, Ryan Carter, Alison Connor, Jana Spitzer, Molly Sullivan, and Jillian Vogel

### Course Approvals

The following 82 courses were approved: of those, 76 were approved only for Vol Core (effective fall 2021), five were approved under both the current general education curriculum and Vol Core, (effective fall 2020), and one was approved for only the current curriculum (effective fall 2020), as noted below:

Abbreviations:

- RA = Reapproval, already in the current general education curriculum, approved for Vol Core
- NGE = New to Gen Ed, but not new course; approved as noted
- NC = New course, approved as noted

#### Written Communication (WC)

1. CE 205 - Professional Development I (RA)
2. ENGL 237 - Honors: American Literature I: Colonial Era to the Civil War (RA)
3. INSC 450 - Writing About Science and Medicine (RA) (secondary cross-listed course; same as JREM 450)
4. JREM 200 - Multimedia Writing (RA)
5. JREM 414 - Magazine and Feature Writing (RA)
6. JREM 444 - Journalism as Literature (RA)
7. JREM 450 - Writing About Science and Medicine (RA) (primary cross-listed course; same as INSC 450)
8. JREM 451 - Environmental Writing (RA)
9. NE 401 - Radiological Engineering Laboratory (RA)
10. PLSC 410 - Nursery Management and Production (RA)

#### Applied Oral Communication (AOC)

1. EEB 419 - Global Change Ecology (NGE, Vol Core 2021)
2. KNS 331 - Exercise Psychology (NGE, Vol Core 2021)
3. SPED 474 - Application of Special Education Principles and Practices (NGE, Vol Core 2021)

## Quantitative Reasoning (QR)

1. IARC 361 - Lighting for Interior Architecture (NC; approved *only* for current general education curriculum effective fall 2020)
2. MATH 132 - Calculus 1B Infused with Precalculus (NC; approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021)

## Arts and Humanities (AH)

1. AFST 225 - Introduction to African Literature (RA) (primary cross-listed course; same as ENGL 225)
2. AFST 226 - Introduction to Caribbean Literature (RA) (secondary cross-listed course; same as ENGL 226)
3. AFST 233 - Major Black Writers (RA) (secondary cross-listed course; same as ENGL 233)
4. AFST 331, Race and Ethnicity in American Literature (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as ENGL 331)
5. AMST 303 - American Cultures (NGE, approved for Vol Core effective) (secondary cross-listed course; same as ENGL 303)
6. AMST 381 - American Tales, Songs, and Material Culture: An Introduction to Folklore (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as ENGL 381)
7. AMST 411 - Music of Appalachia (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as MUCO 411)
8. CLAS 222 - Classical Greek and Roman Mythology (RA)
9. CLAS 253 - Greek and Roman Literature in English Translation (RA)
10. CLAS 254 - Greek and Roman Epic in English Translation (RA)
11. CLAS 255 - Greek and Roman Drama in English Translation (RA)
12. CLAS 256 - The Ancient World Reimagined (NC; approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021)
13. CLAS 351 - Cicero and Sallust (NGE approved for Vol Core, effective fall 2021)
14. CLAS 382 - Roman Civilization (NGE approved for Vol Core, effective fall 2021)
15. CNST 281 - Introduction to Film Studies (RA) (secondary cross-listed course; same as ENGL 281)
16. CNST 323 - German Film Survey (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as GERM 323)
17. ENGL 201 - British Literature I: Beowulf through Johnson (RA)
18. ENGL 202 - British Literature II: Wordsworth to the Present (RA)
19. ENGL 207 - Honors: British Literature I (RA)
20. ENGL 208 - Honors: British Literature II (RA)
21. ENGL 209 - Introduction to Jane Austen (RA)
22. ENGL 225 - Introduction to African Literature (RA) (secondary cross-listed course; same as AFST 225)
23. ENGL 226 - Introduction to Caribbean Literature (RA) (primary cross-listed course; same as AFST 226)
24. ENGL 231 - American Literature I: Colonial Era to the Civil War (RA)
25. ENGL 233 - Major Black Writers (RA) (primary cross-listed course; same as AFST 233)
26. ENGL 237 - Honors: American Literature I: Colonial Era to the Civil War (RA)
27. ENGL 247 - Honors: Introduction to Poetry (RA)
28. ENGL 248 - Honors: Introduction to Drama (RA)
29. ENGL 251 - Introduction to Poetry (RA)
30. ENGL 252 - Introduction to Drama (RA)
31. ENGL 281 - Introduction to Film Studies (RA) (primary cross-listed course; same as CNST 281)
32. ENGL 301 - British Culture to 1660 (NGE, approved for Vol Core effective 2021)
33. ENGL 303 - American Cultures (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as AMST 303)
34. ENGL 331, Race and Ethnicity in American Literature (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as AFST 331)

35. ENGL 340 - Science Fiction and Fantasy (NGE, approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021)
36. ENGL 381 - American Tales, Songs, and Material Culture: An Introduction to Folklore (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as AMST 381)
37. ENGL 389, Literature of the English Bible NGE, approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021) (primary cross-listed course; same as REST 389)
38. FREN 353 - Introduction to Literary Analysis in French (NGE, approved for Vol Core effective 2021)
39. FREN 415 - Topics in Modern French and Francophone Literature (NGE, approved for Vol Core effective 2021)
40. FREN 433 - French and Francophone Women Writers (NGE, approved for Vol Core effective 2021)
41. GERM 323 - German Film Survey (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as CNST 323)
42. GERM 370 - Witches: Myth, Reality, and Representation (NGE, approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021)
43. ITAL 401 - Dante and Medieval Culture (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as MRST 401)
44. MRST 401 - Dante and Medieval Culture (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as ITAL 401)
45. MUCO 110 - Introduction to Music in Western Culture (RA)
46. MUCO 120 - History of Rock (RA)
47. MUCO 220 - History of Western Music, Classical to the Present (RA)
48. MUCO 411 - Music of Appalachia (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as AMST 411)
49. MUCO 414 - Music and Media (NGE, approved for Vol Core effective 2021)
50. REST 389, Literature of the English Bible NGE, approved for the current general education curriculum effective fall 2020, and for Vol Core, effective fall 2021) (secondary cross-listed course; same as ENGL 389)

#### Natural Sciences (NS)

1. NUTR 100 - Introductory Nutrition (RA, Non-lab)

#### Social Sciences (SS)

1. PUBH 201 - Introduction to Public Health (RA)

#### Global Citizenship – International (GCI)

1. CLAS 221 - Early Greek Mythology (NGE, approved for Vol Core effective 2021)
2. CLAS 232 - Archaeology and Art of Ancient Greece and Rome (NGE, approved for Vol Core effective 2021)
3. CLAS 252 - Intermediate Latin II (NGE, approved for Vol Core effective 2021) (formerly CC)
4. CLAS 264 - Intermediate Greek: Epic Poetry (NGE, approved for Vol Core effective 2021) (formerly CC)
5. CSE 200 - Survey of International Education (NGE, approved for Vol Core effective 2021) (formerly CC)
6. GEOG 372 - Geography of Africa (NC, approved for Vol Core effective 2021)
7. GLBS 250 - Introduction to Global Studies (NGE, approved for Vol Core effective 2021) (formerly CC) (secondary cross-listed course; same as SOCI 250)
8. LAC 430 - Contemporary Brazilian Studies (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as PORT 430)
9. PORT 430 - Contemporary Brazilian Studies (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as LAC 430)
10. REST 320 - Gender and Religion (NGE, approved for Vol Core effective 2021) (primary cross-listed course; same as WGS 320)
11. REST 423 - Seminar in Early Christianity (NGE, approved for Vol Core effective 2021)

12. SOCI 250 - Introduction to Global Studies (NGE, approved for Vol Core effective 2021) (formerly CC) (primary cross-listed course; same as GLBS 250)
13. UNHO 277 - Honors: Special Topics in Cultures and Civilizations (NGE, approved for Vol Core effective 2021) (formerly CC) – Note that (1) the department will submit a revised title for fall 2021 and (2) each topic still has to be submitted for GCI approval before being taught
14. UNHO 278 - Honors: Special Topics in Cultures and Civilizations (NGE, approved for Vol Core effective 2021) (formerly CC) – Note that (1) the department will submit a revised title for fall 2021 and (2) each topic still has to be submitted for GCI approval before being taught
15. WGS 320 - Gender and Religion (NGE, approved for Vol Core effective 2021) (secondary cross-listed course; same as REST 320)

The Global Citizenship – International subcommittee proposed changing the wording of learning outcome 1:

Students will exhibit knowledge of the histories, experiences, religions, **languages**, and/or **languages other specific cultural products** of social, ethnic, and cultural groups outside of the United States.

*Rationale: The reason for this change is to make it easier for courses that don't deal with history, experience, religion, or language, but which still meaningfully engage with specific aspects of culture among groups outside the U.S., to fit the GCI criteria for the first learning outcome.*

### Informational Items

Discussion continued regarding the following:

- Some rubrics are still needed for the website.
- Sample proposals are still need in some categories, and the samples should be on the new proposal form.
- Subcommittee member lists need to be updated. Please let the Committee Chair know the names of current members and/or the need for additional members.
- Faculty who submit proposals still seem to be concerned that their proposals weren't received by the subcommittee. Can we create a standard (automated?) message to let faculty know their proposals are being reviewed and/or how far the proposal has advanced through the process?
- The Committee Chair reminded the subcommittees that certain categories measure completion of the requirement in credit hours; therefore, a course that has a credit hour of zero cannot satisfy that requirement. The following categories require courses of one or more credit hours: WC, AOC, EI, and Expanded Perspectives Electives.
- For IE,
  - What is the meaning of "significant work(s)"?
  - Can science and other laboratory courses satisfy EI through a series of labs without having a summative report or experience at the end of the course?
  - Should all courses within a series in which each course is the prerequisite to the next course be awarded the EI designation?
  - Regarding the requirement that EI must be completed through courses with two or more subject codes, what—if anything—should be done about different subject codes for similar information (such as in Art, History, and Music or in the new subject code that was just created by the College of Nursing)? Would taking courses with different subject codes (such as MUCO and MUTH) when they are in the same general field (Music) satisfy EI or does this go against the intention of requiring more than one subject code?
- When it comes to overseeing the building of program requirements that incorporate the new Volunteer Core general education curriculum, who is responsible for enforcing requirements? Would the UG Curriculum Committee be able to do that or should the General Education Committee be involved in some way?

A recommendation was made to reconvene the Vol Core Implementation Committee to consider some of these questions as well as any others that arise as we move forward.

**Adjournment:** The meeting was adjourned at 9:58 am.



**Next Meeting:** The next meeting will be held Wednesday, February 12, 2020, beginning at 8:30 am in Room 270 of the Student Union.

**Approval of Minutes:** These minutes were approved via email on January 21, 2020.

**Minutes Submitted by:** Molly Sullivan